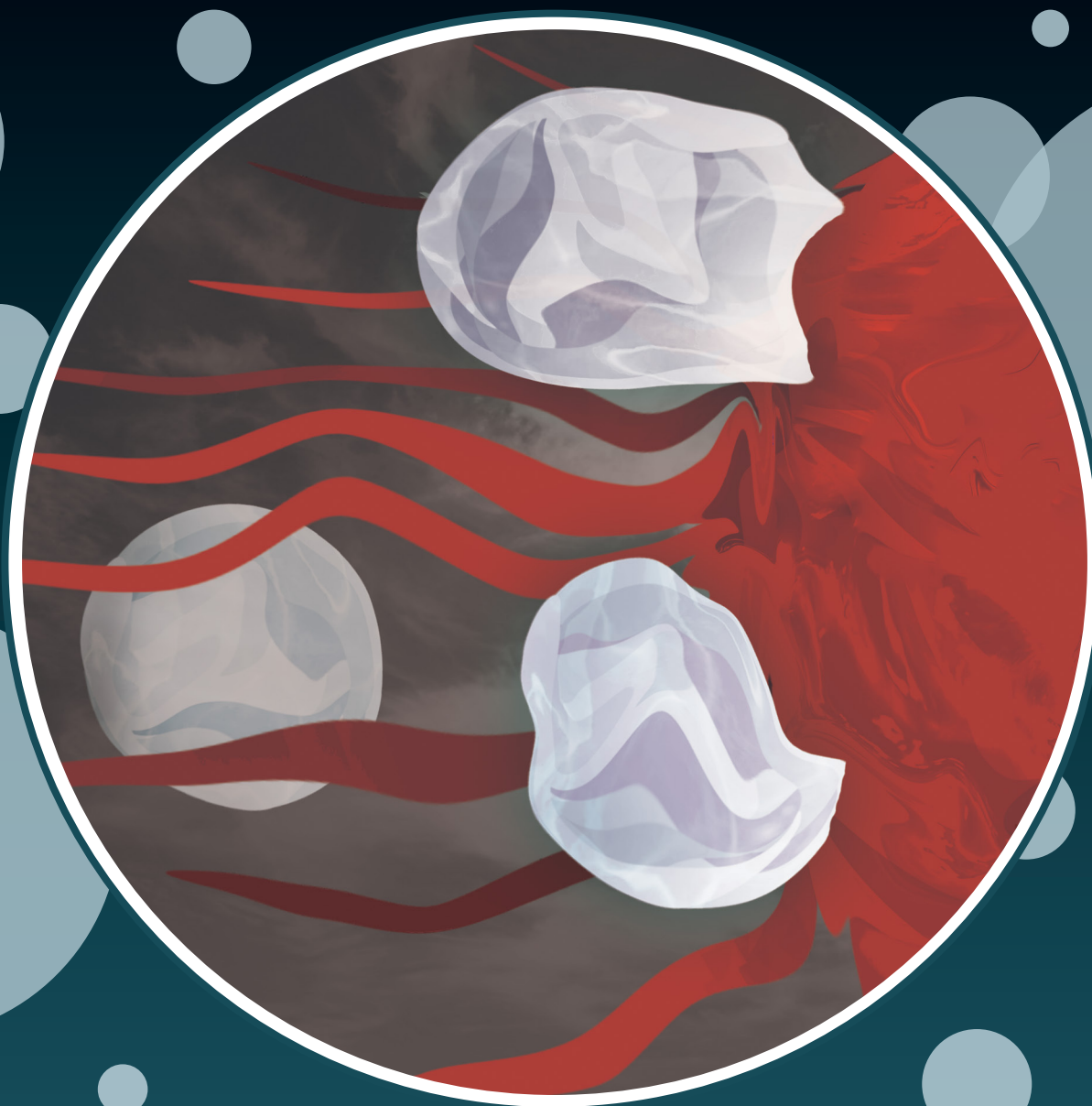


CELL SYSTEMS

FOR DRUG DISCOVERY

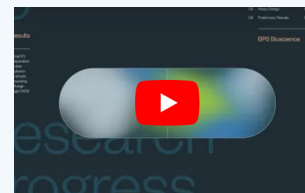
Reporter Cell Lines | Overexpression/Knockout Lines | Cell Media | Luciferase Systems
iPSC-Derived Cells | Co-Stimulatory Cells | CAR-T Cells | Cell-Based Assays
Custom Development



Cellular Insights Guide Discoveries

In order to evaluate drug candidates, researchers need a clear understanding of the activity of the molecules of interest at a cellular level. Biochemical assays and binding kinetics can provide molecular dynamics, but intact cellular assays are the requisite next level to clearly realize how drug candidates exert effects in the context of the cell.

Our 200+ cell lines, primary cells, iPSC-derived cells, and cell-based assay kits provide robust cellular systems for testing and verification. These cell products are complemented by our media reagents, including thaw, growth, assay, and freezing media optimized to each cell type, which together with our convenient luciferase detection systems, yield complete cell systems for research.



Watch our Cell Systems
Introductory Video



Our Advantages



Produced In-House

- Made in the USA at our San Diego, CA laboratory
- Customized, personal support directly from our scientists



Committed to Excellence

- ISO 9001:2015-certified Quality Management System
- Lot-specific quality control testing



Custom Development Services

- Rapid development of stable cell lines for expression verification and functional assays
- Choose from >30 parental cell types, including Jurkat, Raji, HEK293, HeLa, A549, and more

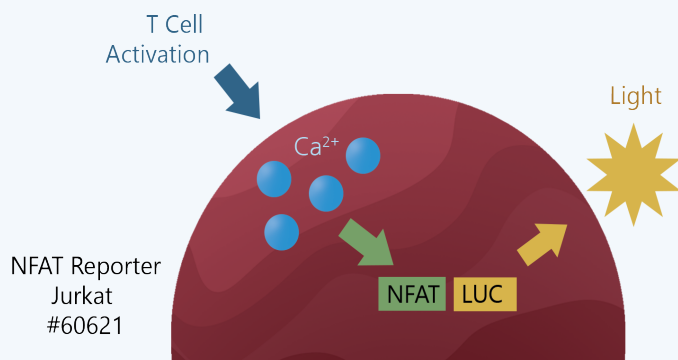


Complete Cell Line Systems

- >200 cell lines
- >90 optimized cell media products - thaw, growth, assay, and freeze media
- Luciferase buffer systems - ONE-Step™ for Firefly luciferase and TWO-Step for both Firefly & Renilla luciferase quantitation in the same sample
- Primary cells - CD4+ T cells, CD8+ T cells, and PBMCs
- iPSC-derived cells - cardiomyocytes and more
- Cas9-expressing cell lines ready for CRISPR knockdown

Cell Solutions for Research

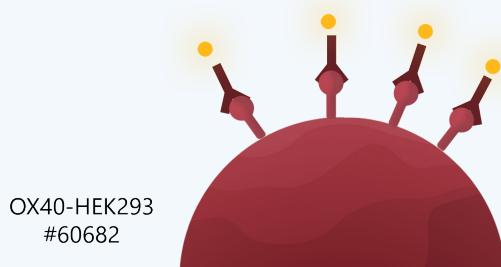
Reporter Cell Lines



Measure:

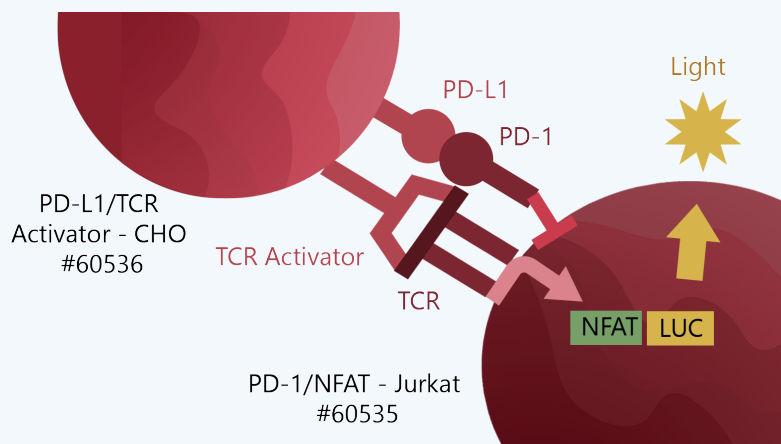
- Signaling activity
- Promoter activity
- Transcription factor activity

Overexpression/Knockout Cell Lines



- Antibody screening
- Flow cytometry controls
- Binding studies
- Functional studies
- CAR-expressing cells

Co-Stimulatory Cell Lines



- Inhibitor screening
- Antibody affinity
- Co-culture studies

iPSC-Derived Cells

- Toxicity/viability screening
- Disease models
- Phenotypic screening
- Cell-based therapies

Cas9 Expressing Cells

- Cell pools or cell lines
- Ready for sgRNA introduction
- Phenotypic screening
- Knockout controls

Luciferase Assay Systems

Our luciferase assay systems are sensitive, stable, and convenient reagents to measure luciferase output.

ONE-Step™ Luciferase Assay System:

The ONE-Step™ product is designed to be used for high-throughput, sensitive quantitation of firefly luciferase activity in mammalian culture.

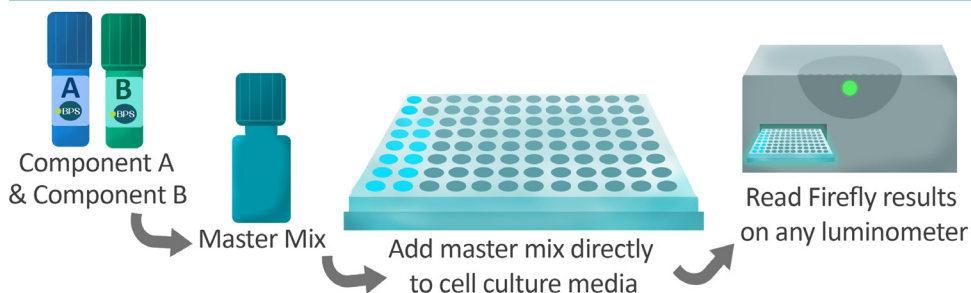
TWO-Step Luciferase (Firefly & Renilla) Assay System:

The TWO-Step Luciferase product provides high-throughput, rapid quantitation of both firefly and Renilla luciferases in order to improve signal accuracy by normalizing with the control Renilla reporter.

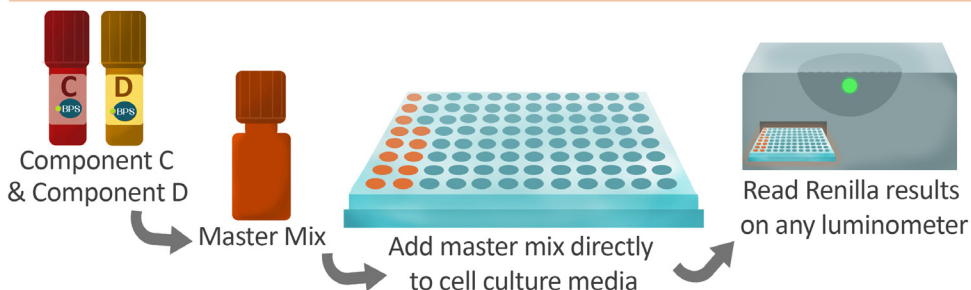
ONE-Step™ Luciferase Assay System #60690

TWO-Step (Firefly & Renilla) Luciferase Assay System #60683

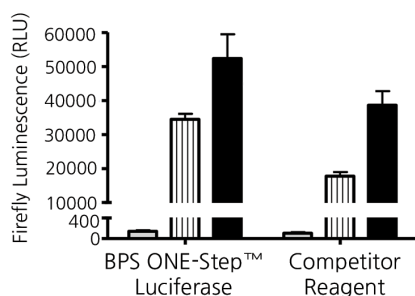
Firefly Luciferase Signal



Renilla Luciferase Signal

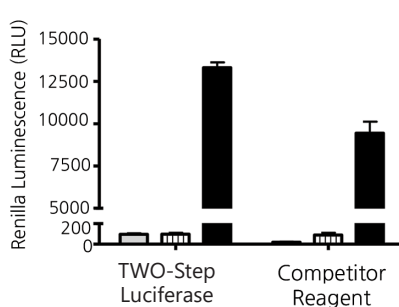


Firefly Luminescence from
Notch Firefly Luciferase



Luciferase assay was performed 48 hours after transfection in HEK293 cells.

Renilla Luminescence from
Control Renilla Luciferase



TWO-Step Luciferase assay reagents were added 30 minutes after firefly luciferase assay was performed.

- Notch Reporter + Notch1 Expression Vector + Renilla Expression Vector
- Notch Reporter + Notch1 Expression Vector
- Negative Control Cells

Cell Media

Thaw Media



Optimized for cell recovery after thawing

Growth Media



Contain antibiotics for maintaining cell lines over many passages

Assay Media



Formulated for specialized assays to optimize performance and signal induction

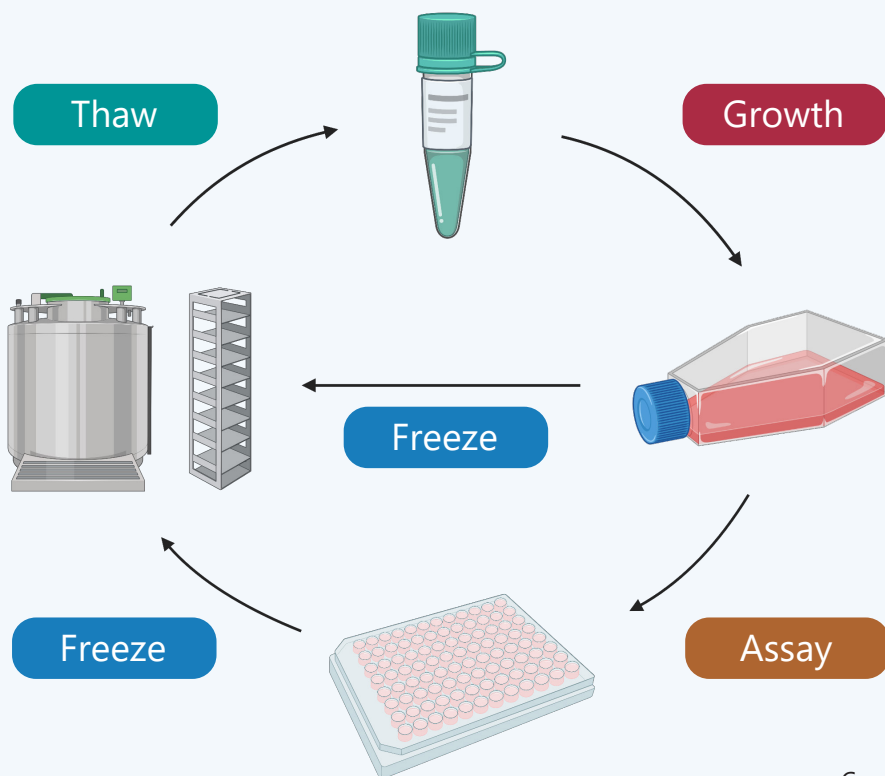
Freeze Media



Optimized for maximum viability and rapid recovery

Compare products at: bpsbioscience.com/media-components

Media Solutions for Every Step in the Cell Culture Work Flow



Created with BioRender.com

Custom Cell Line Development

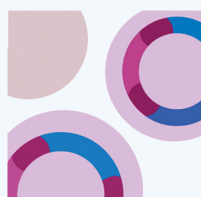
- Delivery of multiple stable clones for internal validation
- 30+ available cell types and 70+ reporter systems
- Ideal for antibody and compound screening and modeling systems

A Milestone-Measured Process Ensures Success



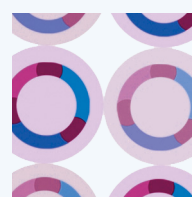
1 Molecular Biology

Expression vectors will be generated using available image clones, or through the use of synthetic DNA to stably transfect the gene of interest.



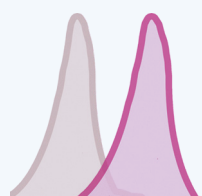
2 Selection and Pool Generation

Parental cells will be transfected with the expression vector for the desired targets. The cell pool will be selected using antibiotics.



3 Limiting Dilution and Clonal Selection

Based on the results of the initial pool testing, the cell pool will be diluted and single cell-derived clones will be selected.



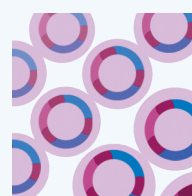
4 Confirmation and Expression

The expression level of the target protein will be analyzed via Western blot or flow cytometry.



5 Functional Validation

Cells will be treated with a reference control compound to obtain dose-response titration data.



6 Stability Testing

The desired number of clones will be selected for passage stability testing. Mycoplasma testing and cell banking services are also available.

Cell Line Rental

Try Before You Buy

This program provides a low-cost, low-risk option for validating these unique cell lines in your own laboratory. Confirm that the cell lines are right for your experiments.

- Option to rent >130 different cell lines
- Rent for three months at 50% of the cell line price
- Following the rental period, option to purchase in full
- Contact our team to get set up: sales-team@bpsbioscience.com



6

Cancer Therapy Targets	Catalog#	Cell Signaling Pathway	Catalog#
Firefly Luciferase Molm13 Cell Line	78372	GIPR/CRE Luciferase Reporter HEK293 Cell Line	78589
Firefly Luciferase NALM6 Cell Line	78494	Gli Luciferase Reporter NIH3T3 Cell line (Hedgehog Pathway)	60409
Firefly Luciferase Raji Cell Line	78622	GR-GAL4 Luciferase Reporter Jurkat Cell Line	78525
Firefly Luciferase SKOV-3 Cell Line	78425	GR-GAL4 Reporter (Luc)-HEK293 Recombinant Cell Line (Glucocorticoid Receptor Pathway)	60655
Firefly Luciferase THP-1 Cell Line	78409	Hippo Pathway/TEAD Luciferase Reporter MCF7 Cell Line	60618
Firefly Luciferase – RPMI 8226 Recombinant Cell Line	79834	IDO1 Cell-Based Assay Kit	72031
FOLR1 CHO Cell Line	78360	IL-15 Responsive Luciferase Reporter Cell Line	78402
GPC3 – CHO-K1 Recombinant Cell Line	78100	IRF Reporter (Luc) – THP-1 Cell line (cGAS-Sting Signaling Pathway)	79858
Nectin4 – CHO K1 Recombinant Cell Line (High, Medium, or Low Expression)	78097	ISRE Reporter Kit (JAK/STAT Signaling Pathway)	60613
NKp46 CHO Cell Line (High, Medium, or Low Expression)	78915	ISRE Reporter-HEK293 Recombinant Cell Line (JAK pathway)	60510
RANK/NF-κB Luciferase Reporter HEK293 Cell Line	78102	Mouse Notch1 Pathway Reporter Kit (Notch Signaling Pathway)	60509
Cell Signaling Pathway	Catalog#	Myc Luciferase Reporter HCT116 Cell Line	60520
AP-1 Reporter – HEK293 Recombinant Cell Line (JNK signaling pathway)	60405	Myc Reporter Kit (Myc Signaling Pathway)	60519
AP1 Reporter Kit (JNK Pathway)	60612	NF- κB Reporter (Luc) – THP-1 Cell Line	79645
ARE Luciferase Reporter HepG2 Cell Line (Nrf2 Antioxidant Pathway)	60513	NF-κB Reporter (Luc) - CHO-K1 Recombinant Cell Line	60622
ARE Reporter Kit (Nrf2 Antioxidant Pathway)	60514	NF-κB Reporter (Luc) - HCT116 Recombinant Cell Line	60623
CEACAM5 CHO Cell Line (High, Medium, or Low Expression)	78704	NF-κB (GFP) – Reporter HEK293 Recombinant Cell Line	79402
CGRPR/CRE Luciferase Reporter HEK293 Cell Line	78325	NF-κB Luciferase Reporter (Luc) - Jurkat Recombinant Cell Line	60651
Claudin-18 Isoform 1 CHO Cell Line	78361	NF-κB Luciferase Reporter Raw 264.7 Cell Line	79978
Claudin-18 Isoform 2 CHO Cell Line (High, Medium, or Low Expression)	78533	NF-κB Reporter (Luc) - A549 Recombinant Stable Cell Line	60625
Claudin-3 CHO Cell Line	78566	NF-κB Reporter (Luc) - HEK293 Recombinant Cell line	60650
Claudin-4 CHO Cell Line	78567	NF-κB Reporter (Luc) – NIH/3T3 Cell line	79469
Claudin-6 CHO Cell Line (High, Medium, or Low) Expressions	78527	NF-κB Reporter Cellular Assay Pack (CHOK1)	79325
Claudin-9 CHO Cell Line	78687	NF-κB Reporter Cellular Assay Pack (HCT116)	79326
CRE/CREB Luciferase Reporter CHO Cell Line (cAMP/PKA Signaling Pathway)	78568	NF-κB Reporter Cellular Assay Pack (HEK293)	79327
CRE/CREB Reporter (Luc) – HEK293 Recombinant Cell Line (cAMP / PKA Signaling)	60515	NF-κB Reporter Kit (NF-κB Signaling Pathway)	60614
CRE/CREB Reporter (Luc) - Jurkat Cell Line (cAMP/PKA Signaling Pathway)	79636	NFAT Luciferase Reporter CHO Cell Line (PKC/Ca2+ Signaling Pathway)	78569
CRE/CREB Reporter Kit (cAMP/PKA Signaling Pathway)	60611	NFAT Luciferase Reporter Jurkat Cell Line	60621
CSF1R / SRE Reporter Kit (MAPK/ERK Signaling Pathway)	79379	NFAT Luciferase-eGFP Reporter Jurkat Cell Line	78662
CSL Reporter – HEK293 Cell line	79754	NFAT Reporter (eGFP) Jurkat Recombinant Cell Line	78384
eGFP/Firefly Luciferase U-87 MG Cell Line	78904	NFAT Reporter (Luciferase) – THP-1 Cell Line	78320
EpCAM CHO Cell Line	78683	NFAT Reporter – HEK293 Cell Line (PKC/ Ca2+ Pathway)	79298
FOXO Reporter Kit (PI3K/AKT Pathway)	60643	NLRP3 Knockdown THP-1 Cell Pool	82121
Foxp3 Luciferase Reporter Jurkat Cell Line	60628	Notch1 NICD Pathway Reporter Kit (Mouse)	79504
GAL4 Reporter (Luc)-HEK293 Recombinant Cell Line	60656	Notch1 Pathway Reporter Kit (Human)	79503
GAL4 Reporter Kit (Glucocorticoid Receptor Pathway)	60522	Notch1/CSL Luciferase Reporter HEK293 Cell Line	60652
GAS Reporter (Luc)-HeLa Cell Line (IFNγ/JAK/STAT1 Pathway)	79041	PAI-1 Reporter (Luc) – Mv1 Lu Cell Line	60544
		PD-1 (Mouse) / NFAT - Reporter - Jurkat Recombinant Cell Line	79762

Cell Signaling Pathway	Catalog#
Transfection Collection™ : AP1 Transient Pack (JNK Signaling Pathway)	79266
Transfection Collection™ : CRE/CREB Transient Pack (cAMP/PKA Cell Signaling Pathway)	79267
Transfection Collection™ : GAL4 Transient Pack Glucocorticoid Receptor Pathway	79265
Transfection Collection™ : Mouse Notch1/CSL Transient Pack (Notch Signaling Pathway)	79285
Transfection Collection™ : Myc Transient Pack (Myc Signaling Pathway)	79284
Transfection Collection™ : NF-κB Transient Pack (NF-κB Signaling Pathway)	79268
Transfection Collection™ : PDE4D Transient Pack	79286
Transfection Collection™ : SBE Transient Pack (TGFβ/SMAD Signaling Pathway)	79272
Transfection Collection™ : SRE Transient Pack (MAPK/ERK Signaling Pathway)	79271
Transfection Collection™ : TCF/LEF Transient Pack Wnt / β-catenin Signaling Pathway	79273
TrkA / SRE Reporter – HEK293 Recombinant Cell Line	79798

CRISPR	Catalog#
B2M Knockout Jurkat Cell Line	78342
B2M Knockout NFAT Luciferase Reporter Jurkat Cell Line	78363
B2M Knockout THP-1 Cell Line	78389
B2M/CIITA Double Knockout THP-1 Cell Line	78391
Cas9 Expressing A549 Cell Pool	78072
Cas9 Expressing Daudi Cell Pool	78089
Cas9 Expressing HCT116 Cell Pool	78073
Cas9 Expressing iPS Cell Pool	78578
Cas9 Expressing Jurkat Cell Pool	78070
Cas9 Expressing MDA-MB-231 Cell Pool	78069
Cas9 Expressing Raji Cell Pool	78071
Cas9 Inducible (Tet-On) iPS Cell Pool	78845
Cas9-Expressing A549 Cell Line (High Expression or Low Expression)	78134
Cas9-Expressing Daudi Cell Line	78157
Cas9-Expressing HCT116 Cell Line (High or Low Expression)	78135
Cas9-Expressing HEK293 Cell Line	78166
Cas9-Expressing HeLa Cell Pool	78161
Cas9-Expressing Jurkat Cell Line (High or Low Expression)	78136
Cas9-Expressing MCF7 Cell Pool	78179

CRISPR, Kinases, Immunotherapy Immune Checkpoints, Immune Cell Signaling, Immune Cell Markers | Product Listing

CRISPR	Catalog#
Cas9-Expressing MDA-MB-231 Cell Line (High or Low Expression)	78150
Cas9-Expressing Neuro2A Cell Line (High or Low Expression)	78137
Cas9-Expressing Neuro2A Cell Pool	78087
Cas9-Expressing Raji Cell Line	78156
Cas9/GFP Safe-Harbor HEK293 Cell Line	78582
CD8+ TCR Knockout NFAT-Luciferase Reporter Jurkat Cell Line	78757
CIITA Knockout THP-1 Cell Line	78390
CRISPRa (SAM) HEK293 Cell Line	78192
CRISPRa (SAM) HeLa Cell Line	78193
CRISPRa (SAM) HepG2 Cell Line	78194
CRISPRa (SAM) Jurkat Cell Line	78080
CRISPRa (SAM) MCF7 Cell Line	78522
CRISPRa (SAM) MDA-MB-231 Cell Line	78521
FCGR2A (CD32A) Knockout Jurkat Cell Line	78549
TCR Knockout Jurkat Cell Line	78539
TCR Knockout NFAT-Luciferase Reporter Jurkat Cell Line	78556
TCR/B2M Knockout NFAT Luciferase Reporter Jurkat Cell Line	78557

Kinases	Catalog#
CSF1R / SRE - Reporter HEK293 Recombinant Cell Line	79380
Human EGFRvIII- CHO K1 Recombinant Cell Line (High or Low Expression)	78145
TrkA / SRE Reporter - HEK293 Recombinant Cell Line	79798
VEGFR2 / NFAT Reporter - HEK293 Recombinant Cell Line	79387

Immunotherapy Immune Checkpoints	Catalog#
B7-H3 CHO Cell Line (High, Medium, or Low Expression)	78541
B7-H4 CHO Cell Line (Low, Medium or High Expression)	78586
B7-H7 (HHLA2)/TCR Activator CHO Cell Line	78321
CD137 (4-1BB) /NF-κB Reporter - HEK293 Recombinant Cell Line	79289
CD137 (4-1BB) HEK293 Recombinant Cell Line	60691
CD137L (4-1BBL) CHO-K1 Recombinant Cell Line	60523
CD155 (PVR) - HEK293 Recombinant Cell Line	60537
CD155 / TCR Activator - CHO Recombinant Cell line	60548
CD160/NFAT - Luciferase Reporter - Jurkat Recombinant Cell Line	79594
CTLA4 - HEK293 Recombinant Cell Line	60681
CTLA4 / IL-2 Reporter - Jurkat Recombinant Cell Line	79525
Growth Arrested PD-1 / NFAT Reporter Jurkat Cell Line	79687
KIR3DL3/IL-2 Luciferase Reporter Jurkat Cell Line	78322

Immunotherapy Immune Checkpoints	Catalog#
LAG3 / IL-2 Reporter - Jurkat Recombinant Cell Line	79813
LAG3 / NFAT Reporter - Jurkat Recombinant Cell Line	71278
LILRB4 NFAT-Luciferase Reporter Jurkat Recombinant Cell Line	79750
Mouse PD-L1 / TCR Activator Mammalian Expression Kit	79778
PD-1 (Mouse) / NFAT - Reporter - Jurkat Recombinant Cell Line	79762
PD-1 (Woodchuck) / NFAT - Reporter - Jurkat Recombinant Cell Line	79456
PD-1 - HEK293 Recombinant Cell Line	60680
PD-1 / NFAT Reporter - Jurkat Recombinant Cell Line	60535
PD-1 CHO Cell Line	78530
PD-L1 (Mouse) / TCR Activator - CHO Recombinant Cell Line	79763
PD-L1 (Woodchuck) / TCR activator - CHO Recombinant Cell line	79457
PD-L1 (Woodchuck) / TCR Activator Mammalian Expression Kit	79455
PD-L1 - CHO Recombinant Cell Line	60543
PD-L1 / TCR Activator - CHO Recombinant Cell Line	60536
PD-L1 / TCR Activator Mammalian Expression Kit	60610
PD-L2 / TCR activator - CHO Recombinant Cell Line	79632
PD-L2/TCR Activator Mammalian Expression Kit	60620
TIGIT - HEK293 Recombinant Cell Line	79332
TIGIT / NFAT Reporter - Jurkat Cell Line	60538
VSIG4 CHO Cell Line	78914

Immune Cell Signaling	Catalog#
CSF1R / SRE Reporter Kit (MAPK/ERK Signaling Pathway)	79379
IL-15 Responsive Luciferase Reporter Cell Line	78402
NF-κB Luciferase Reporter (Luc) - Jurkat Recombinant Cell Line	60651
NFAT Luciferase Reporter Jurkat Cell Line	60621
NFAT Luciferase-eGFP Reporter Jurkat Cell Line	78662
NFAT Reporter (eGFP) Jurkat Recombinant Cell Line	78384
NKp46 CHO Cell Line (High, Medium, or Low Expression)	78915
PAI-1 Reporter (Luc) - Mv1 Lu Cell Line	60544

Immune Cell Markers	Catalog#
B2M Knockout NFAT Luciferase Reporter Jurkat Cell Line	78363
CD14 CHO Recombinant Cell Line	78335
CD34 CHO Recombinant Cell Line	78336
CD4+ T cells, Negatively Selected (Human)	79752
CD8+ T cells, Negatively Selected (Human)	79753
CD95 CHO Cell Line (Medium or High Expression)	78499

Immune Cell Markers	Catalog#	Immunotherapy Targets	Catalog#
FcGR3A (CD16A) CHO Cell Line	78332	CD19 / BCMA / Firefly Luciferase - CHO Recombinant Cell Line	78030
FcGR3B (CD16B) CHO Cell Line	78333	CD19 / CD20 / Firefly Luciferase CHO Cell Line	78186
Glycophorin A (CD235a) CHO Cell Line	78353	CD19 / Firefly Luciferase - CHO Recombinant Cell Line	79714
NCAM1 (CD56) CHO Cell Line (High, Medium, or Low Expression)	78352	CD19 CHO Recombinant Cell Line (Low, Medium and High Expression)	79561
Normal Human Peripheral Blood Mononuclear Cells, Frozen	79059	CD2 CHO Cell Line	78330
TCR Knockout NFAT-Luciferase Reporter Jurkat Cell Line	78556	CD20 CHO Recombinant Cell Line (High or Medium Expression)	79624
TCR/B2M Knockout NFAT Luciferase Reporter Jurkat Cell Line	78557	CD20/Firefly Luciferase CHO Cell Line	78620
		CD22 / Luciferase - CHO Recombinant Cell Line	79715
		CD22 CHO Recombinant Cell Line (Medium and High Expression)	79557
		CD27 CHO-K1 Stable Recombinant Cell Line	60624
		CD27/NF-κB Reporter-Jurkat Recombinant Cell Line	79509
		CD33- CHO K1 Recombinant Cell Line (High, Medium and Low Expression)	79935
		CD36 HEK293 Cell Line (High or Medium Expression)	78526
		CD37 CHO Recombinant Cell Line (High or Low Expression)	79607
		CD38 / BCMA / Firefly Luciferase CHO Recombinant Cell Line	78148
		CD38 / CD19 / Firefly Luciferase CHO Recombinant Cell Line	78149
		CD38 CHO Recombinant Cell Line (High, Medium or Low Expression)	79615
		CD40 - HEK293 Cell Line	71257
		CD40/NF-κB Luciferase Reporter HEK293 Cell Line	60626
		CD43 CHO Cell Line	78334
		CD47 - HEK293 Cell Line	71249
		CD5- CHO K1 Recombinant Cell Line (High, Medium, or Low Expression)	78290
		CD7 CHO Cell Line (Medium or High Expression)	78324
		CD70-CHO Recombinant Cell line	79510
		CD8+ TCR Knockout NFAT-Luciferase Reporter Jurkat Cell Line	78757
		CEACAM6 CHO Cell Line	78550
		Empty vector control - CHO-K1 Recombinant Cell line	60545
		FCGR2A (CD32A) Knockout Jurkat Cell Line	78549
		FcGR2B CHO K1 Recombinant Cell Line	79511
		FcRL5 CHO Cell Line	78375
		FcRL5 HEK293 Cell Line	78374
		FcRL5/Firefly Luciferase RPMI 8226 Cell Line	78378
		FUT4-CD15 CHO Cell Line	78417
		GITR / NF-κB Luciferase Reporter - Jurkat Cell Line	60546
		GITR - HEK293 Recombinant Cell Line	79092
		GITRL CHO-K1 Recombinant Cell Line	60547
		GPRC5D (Cynomolgus) CHO Cell Line	78338
		GPRC5D (Cynomolgus) HEK293 Cell Line	78346
Immunotherapy Targets	Catalog#		
Anti-Mesothelin CAR-T Cells	78729		
ADCC Bioassay Effector Cell (Mouse) Jurkat Cell Line	79733		
ADCC Bioassay Effector Cell F Variant (Low Affinity)/ NFAT Luciferase Reporter Jurkat Cell Line	60540		
ADCC Bioassay Effector Cell V Variant (High Affinity)/ NFAT Luciferase Reporter Jurkat Cell Line	60541		
ADCP Bioassay Effector Cell FcγRIIIa (H Variant)/ NFAT Luciferase Reporter Jurkat Cell Line	71273		
Adenosine A2A Receptor Functional HEK293 Cell Line	79381		
Anti-BCMA CAR /NFAT (Luciferase) Reporter Jurkat Cell Line	79694		
Anti-BCMA CAR-T Cells	78660		
Anti-CD19 CAR / NFAT (Luciferase) Reporter Jurkat Cell Line (CD19 SCFV-CD28-4-1BB-CD3ζ)	79853		
Anti-CD19 CAR Negative Control/NFAT (Luciferase) Reporter Jurkat Cell Line (CD19 SCFV-CD28 Transmembrane Motif)	79854		
Anti-CD19 CAR-T Cells	78171		
Anti-CD20 CAR-T Cells	78611		
B2M Knockout Jurkat Cell Line	78342		
B2M Knockout THP-1 Cell Line	78389		
B2M/CIITA Double Knockout THP-1 Cell Line	78391		
B7-H3 CHO Cell Line (High, Medium, or Low Expression)	78541		
B7-H4 CHO Cell Line (Low, Medium or High Expression)	78586		
B7-H7 (HHLA2)/TCR Activator CHO Cell Line	78321		
BAFF-R - CHO K1 Recombinant Cell Line (High, Medium or Low Expression)	79921		
BCMA / CD20 / Firefly Luciferase CHO Cell Line	78185		
BCMA / GLuc - CHO Recombinant Cell Line	79830		
BCMA / Luciferase - CHO Recombinant Cell Line	79724		
BCMA / NF-κB - Reporter HEK293 Recombinant Cell Line	79755		
BCMA CHO Recombinant Cell Line (High or Low Expression)	79500		
CD123 (IL3Ra) - CHO Recombinant Cell Line (High, Medium, or Low Expression)	79640		
CD137 (4-1BB) /NF-κB Reporter - HEK293 Recombinant Cell Line	79289		
CD137 (4-1BB) HEK293 Recombinant Cell Line	60691		
CD137L (4-1BBL) CHO-K1 Recombinant Cell Line	60523		
CD160/NFAT - Luciferase Reporter - Jurkat Recombinant Cell Line	79594		

Immunotherapy Targets, Neuroscience, Proteases, Wnt | Product Listing

Signaling Pathway

Immunotherapy Targets	Catalog#	Neuroscience	Catalog#
GPRC5D CHO Cell Line	78337	Adenosine A2A Receptor Functional HEK293 Cell Line	79381
GPRC5D HEK293 Cell Line	78345	Cas9-Expressing Neuro2A Cell Line (High or Low Expression)	78137
HER2 (ERBB2) CHO Recombinant Cell Line (High, Medium, or Low Expression)	79612	Cas9-Expressing Neuro2A Cell Pool	78087
Human Mesothelin – CHO-K1 Recombinant Cell Line	78132	CGRPR/CRE Luciferase Reporter HEK293 Cell Line	78325
HVEM - CHO Recombinant Cell Line	79297	CSL Reporter – HEK293 Cell line	79754
HVEM - HEK293 Recombinant Cell Line	79313	eGFP/Firefly Luciferase U-87 MG Cell Line	78904
HVEM/NF-κB Reporter Jurkat Recombinant Cell Line	79310	hERG (Kv11.1) - HEK293 Recombinant Cell line	60619
ICOS/NFAT Reporter-Jurkat Recombinant Cell Line	79668	IKCA1 (KCNN4) HEK293 Cell Line	90330
ICOSL-CHO Recombinant Cell Line	79635	Mouse Notch1 Pathway Reporter Kit (Notch Signaling Pathway)	60509
IDO1 Cell-Based Assay Kit	72031	Nav1.7-GFP HEK293 Cell Line	60507
IDO1-HEK293 Recombinant Cell Line (Human)	60532	Nav1.8/β2 - HEK293 Recombinant Cell Line	60521
IDO2 - HEK293 Recombinant Cell Line (Human)	60533	NCAM1 (CD56) CHO Cell Line (High, Medium, or Low Expression)	78352
IL-15 Responsive Luciferase Reporter Cell Line	78402	NET – CHOK1 Recombinant Cell Line	60557
IL-2 Luciferase Reporter Jurkat Cell Line	60481	Notch1 NICD Pathway Reporter Kit (Mouse)	79504
LAIR1 CHO Cell Line	78913	Notch1 Pathway Reporter Kit (Human)	79503
LIGHT-CHO Recombinant Cell Line	79262	Notch1/CSL Luciferase Reporter HEK293 Cell Line	60652
MUC16 (CA125), variant 4 (region 13785-14507) CHO Cell Line	78848	PDE10A-HEK293 Recombinant Cell line	60410
NY-ESO-1 TCR (1G4) CD8+ NFAT-Luciferase Reporter Jurkat Cell Line	78769	TMEM16A-HEK293 Recombinant Cell Line	90230
NY-ESO-1 TCR (c259) CD8+ NFAT-Luciferase Reporter Jurkat Cell Line	78771	TMEM16B (ANO2) - HEK293 Recombinant Cell line	90332
OX40 - HEK293 Recombinant Cell Line	60682	Transfection Collection™ : Mouse Notch1/CSL Transient Pack (Notch Signaling Pathway)	79285
OX40 / NF-κB Reporter – HEK293 Recombinant Cell Line	60482	TrkA / SRE Reporter – HEK293 Recombinant Cell Line	79798
PSMA (FOLH1) - CHO Recombinant Cell Line (High, Medium, or Low Expression)	79641	TRPC3-HEK293 Recombinant Cell Line	90130
ROR1 CHO Recombinant Cell Line (High, Medium, or Low Expression)	79609	TRPC7-HEK293 Recombinant Cell Line	90030
SIRP-α / HEK293 Recombinant Cell Line	60689	TRPM2-HEK293 Recombinant Cell Line	90331
SLAMF7 (CS1) CHO Recombinant Cell Line (High, Medium, or Low Expression)	79608		
STAT3 Luciferase Reporter THP-1 Cell Line	78498	Proteases	Catalog#
STAT3 Reporter Jurkat Cell Line	78497	ACE2 - CHO Recombinant Cell Line	79959
TCR Activator CHO Recombinant Cell line	60539	ACE2 - HEK293 Recombinant Cell Line	79951
TCR Activator Raji Cell Line	60556	ACE2 - HeLa Recombinant Cell Line	79958
TCR Activator/FcGR2B CHO Cell Line	78436	FAP- CHO K1 Recombinant Cell Line (High, Medium or Low Expression)	79947
TCR Knockout Jurkat Cell Line	78539	TMPRSS2 – Vero E6 Recombinant Cell Line	78081
TCR/B2M Knockout Jurkat Cell Line	78552		
TDO Cell-Based Assay Kit	72033	Wnt Signaling Pathway	Catalog#
TDO-HEK293 Recombinant Cell line	60534	TCF/LEF Reporter - HEK293 Cell Line (Wnt Signaling Pathway)	60501
Transferrin Receptor Protein-1 (TFRC) HEK293 Cell Line	78308	TCF/LEF Reporter Kit (Wnt Signaling Pathway)	60500
TROP2 – CHO-K1 Recombinant Cell Line	78099	TCF/LEF StemBright™ Luciferase iPS Cell Pool (Wnt Pathway)	78515
		Transfection Collection™ : TCF/LEF Transient Pack Wnt / β-catenin Signaling Pathway	79273

Gene and Cell Therapy, Cytokines, NK Cells, Metabolic Enzymes, Biotinylation, Phosphodiesterases, Ion Channel/Membrane Transport, Cell Culture

Gene and Cell Therapy	Catalog#
Cas9 Expressing A549 Cell Pool	78072

Gene and Cell Therapy	Catalog#
Cas9 Expressing Daudi Cell Pool	78089
Cas9 Expressing HCT116 Cell Pool	78073
Cas9 Expressing iPS Cell Pool	78578
Cas9 Expressing Jurkat Cell Pool	78070
Cas9 Expressing MDA-MB-231 Cell Pool	78069
Cas9 Expressing Raji Cell Pool	78071
Cas9 Inducible (Tet-On) iPS Cell Pool	78845
Cas9-Expressing A549 Cell Line (High Expression or Low Expression)	78134
Cas9-Expressing Daudi Cell Line	78157
Cas9-Expressing HCT116 Cell Line (High or Low Expression)	78135
Cas9-Expressing HEK293 Cell Line	78166
Cas9-Expressing HeLa Cell Pool	78161
Cas9-Expressing Jurkat Cell Line (High or Low Expression)	78136
Cas9-Expressing MCF7 Cell Pool	78179
Cas9-Expressing MDA-MB-231 Cell Line (High or Low Expression)	78150
Cas9-Expressing Neuro2A Cell Line (High or Low Expression)	78137
Cas9-Expressing Raji Cell Line	78156
Cas9/GFP Safe-Harbor HEK293 Cell Line	78582
CRISPRa (SAM) HEK293 Cell Line	78192
CRISPRa (SAM) HeLa Cell Line	78193
CRISPRa (SAM) HepG2 Cell Line	78194
CRISPRa (SAM) Jurkat Cell Line	78080
StemBright™ Luciferase iPS Cell Pool	78594
ZsGreen/Luciferase Safe-Harbor HEK293 Cell Line	82091

Cytokines	Catalog#
IL-2 Luciferase Reporter Jurkat Cell Line	60481
LIGHT-CHO Recombinant Cell Line	79262

NK Cells	Catalog#
ADCC Bioassay Effector Cell (Mouse) Jurkat Cell Line	79733
ADCC Bioassay Effector Cell F Variant (Low Affinity)/ NFAT Luciferase Reporter Jurkat Cell Line	60540
ADCC Bioassay Effector Cell V Variant (High Affinity)/ NFAT Luciferase Reporter Jurkat Cell Line	60541
CD160/NFAT - Luciferase Reporter - Jurkat Recombinant Cell Line	79594
CD2 CHO Cell Line	78330
CD27 CHO-K1 Stable Recombinant Cell Line	60624

CD27/NF-kB Reporter-Jurkat Recombinant Cell Line	79509
FcGR3A (CD16A) CHO Cell Line	78332

NK Cells	Catalog#
FcGR3B (CD16B) CHO Cell Line	78333
IL-2 Luciferase Reporter Jurkat Cell Line	60481
KIR3DL3/IL-2 Luciferase Reporter Jurkat Cell Line	78322
LILRB4 NFAT-Luciferase Reporter Jurkat Recombinant Cell Line	79750
NCAM1 (CD56) CHO Cell Line (High, Medium, or Low Expression)	78352
RANK/NF-kB Luciferase Reporter HEK293 Cell Line	78102
SLAMF7 (CS1) CHO Recombinant Cell Line (High, Medium, or Low Expression)	79608
TROP2 - CHO-K1 Recombinant Cell Line	78099

Metabolic Enzymes	Catalog#
GLP-1R/CRE Luciferase Reporter HEK293 Cell Line	78176
IDO1-HEK293 Recombinant Cell Line (Human)	60532
IDO2 - HEK293 Recombinant Cell Line (Human)	60533
TDO Cell-Based Assay Kit	72033
TDO-HEK293 Recombinant Cell line	60534

Biotinylation	Catalog#
BirA-transformed Competent E. coli cells	27462

Phosphodiesterases	Catalog#
PDE10A-HEK293 Recombinant Cell line	60410
PDE1B-HEK293 Recombinant Cell line	60402
PDE4B Cell-Based Activity Assay Kit	79526
PDE4D Cell-Based Reporter Assay Kit	60505
PDE7A-HEK293 Recombinant Cell Line	60407
PDE7A-HEK293 Recombinant Cell Line (Rat)	60408
PDE7A/CRE Reporter - HEK293 Recombinant Cell Line	60413
PDE7B-HEK293 Recombinant Cell Line	60412

Ion Channel/Membrane Transport	Catalog#
CFTR HEK293 Recombinant Cell Line	60506
DAT - CHOK1 Recombinant Cell Line	60558
Empty vector control - HEK293 Recombinant Cell line	90334
SLC5A5 - HEK293 Recombinant Cell line	90333

Cell Culture	Catalog#
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Assay Medium 1A	79805	Growth Medium 1Q	78096
Assay Medium 1B	79617	Growth Medium 1R	78180
Cell Culture	Catalog#	Cell Culture	Catalog#
Assay Medium 1C	78674	Growth Medium 1S	78221
Assay Medium 1D	78745	Growth Medium 1T	78379
Assay Medium 2A	79621	Growth Medium 1U	78548
Assay Medium 2B	79619	Growth Medium 1V	78551
Assay Medium 2C	78544	Growth Medium 1W	78854
Assay Medium 2D	78755	Growth Medium 2A	60190
Assay Medium 2E	78826	Growth Medium 2B	79530
Assay Medium 3A	79816	Growth Medium 2C	79592
Assay Medium 5A	79620	Growth Medium 2D	79639
Assay Medium 7A	78673	Growth Medium 2E	79638
Assay Medium 7B	79718	Growth Medium 2F	79669
BPS Medium 1	79259	Growth Medium 2G	79734
BPS Medium 7	79260	Growth Medium 2H	79784
BPS Medium 8	79385	Growth Medium 2J	79812
Cell Freezing Medium	79796	Growth Medium 2K	78078
Growth Medium 10A	79835	Growth Medium 2L	78094
Growth Medium 10B	78381	Growth Medium 2M	78181
Growth Medium 11A	79977	Growth Medium 2N	78196
Growth Medium 12A	78075	Growth Medium 2P	78354
Growth Medium 14A	78398	Growth Medium 2Q	78380
Growth Medium 14B	78416	Growth Medium 2R	78411
Growth Medium 15A	78413	Growth Medium 2S	78430
Growth Medium 17A	78768	Growth Medium 2T	78756
Growth Medium 1A	79528	Growth Medium 3A	60188
Growth Medium 1B	79531	Growth Medium 3B	79529
Growth Medium 1C	79532	Growth Medium 3C	79537
Growth Medium 1D	79536	Growth Medium 3D	79539
Growth Medium 1F	79540	Growth Medium 3E	79553
Growth Medium 1G	79544	Growth Medium 3F	79829
Growth Medium 1H	79546	Growth Medium 3G	79882
Growth Medium 1J	79552	Growth Medium 3J	79974
Growth Medium 1K	79533	Growth Medium 3K	78041
Growth Medium 1L	79555	Growth Medium 3L	78104
Growth Medium 1M	79723	Growth Medium 3M	78377
Growth Medium 1N	79801	Growth Medium 3N	78534
Growth Medium 1P	78095	Growth Medium 4A	79535

Growth Medium 4B	79554
Growth Medium 4C	79631
Cell Culture	Catalog#
Growth Medium 5A	79534
Growth Medium 5B	79541
Growth Medium 6A	79542
Growth Medium 6B	79657
Growth Medium 6C	78077
Growth Medium 6D	78222
Growth Medium 6E	78385
Growth Medium 6F	78540
Growth Medium 7A	79543
Growth Medium 7B	79545
Growth Medium 7C	78076
Growth Medium 7D	78200
Growth Medium 8A	79653
Maintenance Medium C17	78509
ONE-Step™ Luciferase Assay System	60690
TCellIM™	78753
Thaw Medium 1	60187
Thaw Medium 10	79704
Thaw Medium 11	79976
Thaw Medium 12	78074
Thaw Medium 14	78397
Thaw Medium 15	78412
Thaw Medium 16	78647
Thaw Medium 17	78767
Thaw Medium 2	60184
Thaw Medium 3	60186
Thaw Medium 4	60181
Thaw Medium 5	60182
Thaw Medium 6	60183
Thaw Medium 7	60185
Thaw Medium 8	79652
Thaw Medium 9	79665
TWO-Step Luciferase (Firefly & Renilla) Assay System	60683



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