

Product Name	Size	Cat. No.
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Antibodies & Secondary Detection Reagents

Avidin, Streptavidin & Biotin

HRP-Conjugated Streptavidin	0.25 mL	N100
Streptavidin Protein	1 mg	21122
Streptavidin, Alexa Fluor™ 488 conjugate	1 mg	S11223
Streptavidin, R-Phycoerythrin Conjugate (SAPE) - premium grade - 1 mg/mL	1 mL	S21388

Isotype Control Antibodies

Mouse IgG Isotype Control	5 mL	10400C
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Primary Antibodies

Transferrin Receptor Monoclonal Antibody (H68.4)	100 µg	136800
ZO-1 Monoclonal Antibody (ZO1-1A12)	100 µg	339100
Claudin 5 Monoclonal Antibody (4C3C2), Alexa Fluor 488	100 µg	352588
Phospho-PKC lambda/iota (Thr555, Thr563) Polyclonal Antibody	10 blots	44968G
ATG16L1 Antibody (17H32L7), ABfinity™ Rabbit Monoclonal	100 µg	701685
Phospho-Tau (Ser202, Thr205) Monoclonal Antibody (AT8)	100 µg	MN1020
Phospho-Tau (Thr212, Ser214) Monoclonal Antibody (AT100)	100 µg	MN1060
CD56 Monoclonal Antibody (MEM-188), FITC	100 tests	MA119574
Villin Monoclonal Antibody (CWWB1)	500 µL	MA512227
MYOD Monoclonal Antibody (5.8A)	500 µL	MA512902
IκB alpha Monoclonal Antibody (T.937.7)	100 µL	MA515132
VEGF Receptor 2 Monoclonal Antibody (4B4)	100 µL	MA515556
CD37 Monoclonal Antibody (KT37), FITC	100 µg	MA528525
IL-32 Polyclonal Antibody	100 µg	PA520221
HMG2 Polyclonal Antibody	400 µL	PA525276
Parvalbumin Polyclonal Antibody	100 µg	PA547693
ASCT2 Polyclonal Antibody	100 µL	PA550527
CD34 Monoclonal Antibody (RAM34), FITC, eBioscience™	500 µg	11-0341-85
CD3e Monoclonal Antibody (145-2C11), PE, eBioscience™	100 µg	12-0031-82
HLA-ABC Monoclonal Antibody (W6/32), PE, eBioscience™	100 tests	12-9983-42
CD201 (EPCR) Monoclonal Antibody (eBio1560 (1560)), Biotin, eBioscience™	100 µg	13-2012-82
CD8a Monoclonal Antibody (AMC908), eBioscience™	25 µg	14-0008-80
LYVE1 Monoclonal Antibody (ALY7), eBioscience™	100 µg	14-0443-82
FOXP3 Monoclonal Antibody (150D/E4), eBioscience™	100 µg	14-4774-82
Fc Receptor Binding Inhibitor Monoclonal Antibody, eBioscience™	100 tests	14-9161-73
Gata-3 Monoclonal Antibody (TWAJ), eBioscience™	100 µg	14-9966-82
CD28 Functional Grade Monoclonal Antibody (37.51), eBioscience™	1 mg	16-0281-86
CD41a Monoclonal Antibody (eBioMWRReg30 (MWRReg30)), APC, eBioscience™	100 µg	17-0411-82
CD366 (TIM3) Monoclonal Antibody (F38-2E2), APC, eBioscience™	100 tests	17-3109-42
CD45 Monoclonal Antibody (2D1), APC, eBioscience™	100 tests	17-9459-42
Ly-6G (Gr-1) Monoclonal Antibody (1A8-Ly6g), APC, eBioscience™	100 µg	17-9668-82
CD8a Monoclonal Antibody (RPA-T8), PE-Cyanine7, eBioscience™	100 tests	25-0088-42
CD69 Monoclonal Antibody (FN50), PE-Cyanine7, eBioscience™	100 tests	25-0699-42
APP (Amyloid Precursor Protein) Monoclonal Antibody (22C11), eFluor 570, eBioscience™	100 µg	41-9749-82
CD4 Monoclonal Antibody (RM4-5), PerCP-Cyanine5.5, eBioscience™	100 µg	45-0042-82
CD4 Monoclonal Antibody (OKT4 (OKT-4)), PerCP-Cyanine5.5, eBioscience™	100 tests	45-0048-42
CD223 (LAG-3) Monoclonal Antibody (3DS223H), PerCP-eFluor 710, eBioscience™	100 tests	46-2239-42
CD3 Monoclonal Antibody (OKT3), APC-eFluor 780, eBioscience™	100 tests	47-0037-42
CD34 Monoclonal Antibody (RAM34), eFluor 660, eBioscience™	100 µg	50-0341-82

Secondary Antibodies

* Prices subject to change

Product Name	Size	Cat. No.
Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 568	500 µL	A10042
Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	500 µL	A11001
Goat anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	500 µL	A11006
Goat anti-Human IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	500 µL	A11013
Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	500 µL	A11029
Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor 488	500 µL	A11039
Donkey anti-Goat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	500 µL	A11055
F(ab)2-Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	250 µL	A11070
Goat anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 546	500 µL	A11081
Donkey anti-Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 568	500 µL	A21099
Goat anti-Mouse IgG1 Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	250 µL	A21121
Donkey anti-Rat IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	500 µL	A21208
F(ab)2-Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 647	250 µL	A21237
Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 647	500 µL	A21245
Goat anti-Mouse IgM Heavy Chain Cross-Adsorbed Secondary Antibody, Alexa Fluor 555	250 µL	A21426
Donkey anti-Goat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 555	500 µL	A21432
Goat anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 555	500 µL	A21434
Chicken anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 647	500 µL	A21463
Goat anti-Mouse IgM Heavy Chain Cross-Adsorbed Secondary Antibody, Alexa Fluor 350	250 µL	A31552
Donkey anti-Chicken IgY Secondary Antibody, FITC	500 µg	SA172000

Beads & Microspheres

Magnetic Beads Ligand-Coupled

Dynabeads™ Protein G for Immunoprecipitation	1 mL	10003D
Dynabeads™ Protein G for Immunoprecipitation	5 mL	10004D

Cell Culture & Transfection Reagents

Antibiotics & Antimycotics

Geneticin™ Selective Antibiotic (G418 Sulfate) (50 mg/mL)	100 mL	10131027
Geneticin™ Selective Antibiotic (G418 Sulfate) (50 mg/mL)	20 mL	10131035
Penicillin-Streptomycin-Glutamine (100X)	100 mL	10378016
Penicillin-Streptomycin (10,000 U/mL)	20 x 100 mL	15140163
Antibiotic-Antimycotic (100X)	100 mL	15240062

Balanced Salt Solutions

PBS, pH 7.4	500 mL	10010023
PBS, pH 7.4	10 x 500 mL	10010049
HBSS, calcium, magnesium, no phenol red	500 mL	14025092
EBSS, calcium, magnesium, phenol red	500 mL	24010043

Basal Media

MCDB 131 Medium, no glutamine	500 mL	10372019
DMEM/F-12, GlutaMAX™ supplement	500 mL	10565018
DMEM/F-12, GlutaMAX™ supplement	10 x 500 mL	10565042
MEM	500 mL	11095080
DMEM/F-12, HEPES	10 x 500 mL	11330057
Glasgows MEM (GMEM)	500 mL	11710035
Hams F-12 Nutrient Mix	1,000 mL	11765047
RPMI 1640 Medium	500 mL	11875093
RPMI 1640 Medium, no glucose	500 mL	11879020

* Prices subject to change

Product Name	Size	Cat. No.
DMEM, high glucose, pyruvate	500 mL	11995065
DMEM, high glucose, pyruvate	10 x 500 mL	11995073
Hams F-12 Nutrient Mix, GlutaMAX™ Supplement	500 mL	31765035
Hams F-12 Nutrient Mix, GlutaMAX™ Supplement	10 x 500 mL	31765092
RPMI 1640 Medium (ATCC modification)	500 mL	A1049101
RPMI, no methionine	500 mL	A1451701

Cell Culture Supplements

KnockOut™ Serum Replacement	100 mL	10828010
MEM Non-Essential Amino Acids Solution (100X)	100 mL	11140050
Sodium Pyruvate (100 mM)	100 mL	11360070
GlutaMAX™ Supplement	100 mL	35050061
Insulin-Transferrin-Selenium-Ethanolamine (ITS -X) (100X)	10 mL	51500056
B-27™ Supplement, minus insulin	10 mL	A1895601
B-27™ Supplement (50X), custom	10 mL	00800855A

Cell Dissociation Reagents

TrypLE™ Express Enzyme (1X), no phenol red	500 mL	12604021
TrypLE™ Express Enzyme (1X), phenol red	500 mL	12605028
Cell Dissociation Buffer, enzyme-free, PBS	100 mL	13151014
Versene Solution	100 mL	15040066
Collagenase, Type I, powder	1 g	17100017
Collagenase, Type IV, powder	1 g	17104019
Dispase II, powder	5 g	17105041

Serum-Free & Specialty Media

Medium 200	500 mL	M200500
EpiLife™ Medium, with 60 µM calcium	500 mL	MEPI500CA

Transfection Reagents

Lipofectamine™ Stem Transfection Reagent	0.75 mL	STEM00008
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Chromatography Columns, Resins, & Spin Filters

Affinity Columns, Media, & Standards

Pierce™ Streptavidin Agarose	10 mL	20353
NAb™ Protein G Spin Kit, 0.2 mL	10 columns	89949

Competent Cells & Strains

Cloning Competent Cells

One Shot™ TOP10 Chemically Competent <i>E. coli</i>	10 reactions	C404010
One Shot™ MAX Efficiency™ DH5α™ -T1 ^R Competent Cells	20 x 50 µL	12297016
Subcloning Efficiency™ DH5α™ Competent Cells	40 reactions	18265017

DNA Vectors, Clones, Purified Nucleic Acids & Libraries

DNA Vectors

pCMV-Gaussia Luc Vector for Luciferase Assays	10 µg	16147
Zero Blunt™ TOPO™ PCR Cloning Kit for Sequencing, without competent cells	10 reactions	450159
Zero Blunt™ TOPO™ PCR Cloning Kit, without competent cells	10 reactions	451245

Product Name	Size	Cat. No.
Expression mRNA and Pre-Made Viruses		
CytoTune™ -iPS 2.0 Sendai Reprogramming Kit	1 pack	A16517
Eukaryotic Cells		
Primary Cells		
CF1 Mouse Embryonic Fibroblasts, irradiated	2 x 10 ⁶ cells	A34180
CF1 Mouse Embryonic Fibroblasts, irradiated	4 x 10 ⁶ cells	A34181
Gels, Fractionation Strips, & Membranes		
Pre-Cast Protein Gels		
NuPAGE™ 3-8% Tris-Acetate Protein Gels, 1.0 mm, 10-well	10 gels (1 box)	EA0375BOX
Novex™ pH 3-10 IEF Protein Gels, 1.0 mm, 10-well	5 gels (1 box)	EC6655BOX
NuPAGE™ 4-12% Bis-Tris Protein Gels, 1.0 mm, 10-well	10 gels (1 box)	NP0321BOX
NuPAGE™ 4-12% Bis-Tris Protein Gels, 1.0 mm, 12-well	10 gels (1 box)	NP0322BOX
NuPAGE™ 4-12% Bis-Tris Protein Gels, 1.5 mm, 10-well	10 gels (1 box)	NP0335BOX
NuPAGE™ 4-12% Bis-Tris Protein Gels, 1.5 mm, 15-well	10 gels (1 box)	NP0336BOX
NuPAGE™ 12% Bis-Tris Protein Gels, 1.0 mm, 10-well	10 gels (1 box)	NP0341BOX
Instruments and Equipment		
Cell Counting Instruments & Accessories		
Countess™ Cell Counting Chamber Slides	50 slides	C10228
Electroporation Instruments & Accessories		
Neon™ Transfection System 10 µL Kit	25 x 2 reactions	MPK1025
Neon™ Transfection System 10 µL Kit	96 x 2 reactions	MPK1096
Spectroscopy & Elemental Analysis Instruments & Equipment		
Qubit™ Assay Tubes	500 tubes	Q32856
Kits and Assays		
cDNA Synthesis, Library, & Cloning Kits		
High-Capacity cDNA Reverse Transcription Kit	200 reactions	4368814
SuperScript™ VILO™ cDNA Synthesis Kit	50 reactions	11754050
Cell Analysis Kits		
Click-iT™ EdU Alexa Fluor™ 488 Imaging Kit	1 kit	C10337
Click-iT™ EdU Alexa Fluor™ 555 Imaging Kit	1 kit	C10338
CellEvent™ Senescence Green Detection Kit	100 µL	C10851
eBioscience™ Annexin V Apoptosis Detection Kit FITC	200 tests	88-8005-74
DNARNA Detection & Analysis Kits		
MAGnify™ Chromatin Immunoprecipitation System	24 reactions	492024
Qubit™ RNA IQ Assay Kit	75 assays	Q33221

Product Name	Size	Cat. No.
DNARNA Purification Kits & Reagents		
GeneJET Plasmid Maxiprep Kit	25 preps	K0492
SYBR™ Green Fast Advanced Cells-to-CT™ Kit	40 reactions	A35379
TRIzol™ Plus RNA Purification Kit	50 preps	12183555
TRIzol™ Reagent	100 mL	15596026
DNARNA Quantitation Assay Kits		
Qubit™ RNA BR Assay Kit	100 assays	Q10210
Qubit™ dsDNA HS Assay Kit	100 assays	Q32851
Qubit™ RNA HS Assay Kit	100 assays	Q32852
Quant-iT™ RNA Assay Kit	1 kit	Q33140
Qubit™ 1X dsDNA HS Assay Kit	100 assays	Q33230
Enzyme Detection & Activity Assays		
Pierce™ Gaussia Luciferase Flash Assay Kit	100 reactions	16158
Pierce™ Gaussia Luciferase Glow Assay Kit	1000 reactions	16161
Protein Analysis Kits		
Pierce™ His Protein Interaction Pull-Down Kit	25 reactions	21277
Pierce™ BCA Protein Assay Kit	1 L	23225
PIP Strips™ Membranes	10 strips	P23751
Pierce™ Chromogenic Endotoxin Quant Kit	30 reactions	A39552S
Lab Reagents and Chemicals		
Cell Lysis & Organelle Isolation Reagents		
Halt™ Phosphatase Inhibitor Cocktail	1 mL	78420
Halt™ Protease and Phosphatase Inhibitor Single-Use Cocktail (100X)	24 x 100 µL	78442
Halt™ Protease and Phosphatase Inhibitor Single-Use Cocktail, EDTA-Free (100X)	24 x 100 µL	78443
NE-PER™ Nuclear and Cytoplasmic Extraction Reagents	15 ml	78833
Micrococcal Nuclease Solution (≥100 U/µL)	150 µL	88216
B-PER™ Complete Bacterial Protein Extraction Reagent	250 mL	89821
RIPA Lysis and Extraction Buffer	100 mL	89900
CellsDirect Resuspension & Lysis Buffers <i>includes 10 ml Resuspension Buffer & 1 ml Lysis Buffer</i>	1 kit	11739010
Electrophoresis Reagents & Buffers		
Restore™ Western Blot Stripping Buffer	500 mL	21059
NuPAGE™ Tris-Acetate SDS Running Buffer (20X)	500 mL	LA0041
Novex™ Tris-Glycine Transfer Buffer (25X)	500 mL	LC3675
Novex™ pH 3-10 IEF Buffer Kit, <i>Includes LC5300, LC5310, LC5311</i>	1 kit	LC5317
NuPAGE™ MES SDS Running Buffer (20X)	500 mL	NP0002
NuPAGE™ Transfer Buffer (20X)	1 L	NP00061
Fixation & Permeabilization Reagents		
Fluoromount-G™	25 mL	00-4958-02
eBioscience™ IC Fixation Buffer	125 mL	00-8222-49
Flow Cytometer Buffers & Reagents		
UltraComp eBeads™ Compensation Beads	25 tests	01-2222-41

Product Name	Size	Cat. No.
General Buffers for Life Science		
UltraPure™ 1M Tris-HCl, pH 8.0	1 L	15568025
HEPES (1 M)	100 mL	15630080
General Chemicals for Life Science		
GlycoBlue™ Coprecipitant (15 mg/mL)	300 µL	AM9515
Ammonium Acetate (5 M), RNase-free	100 mL	AM9070G
UltraPure™ Phenol:Chloroform:Isoamyl Alcohol (25:24:1, v/v)	100 mL	15593031
Sodium Bicarbonate 7.5% solution	100 mL	25080094
Immunoassay Buffers & Reagents		
Blocker™ BSA (10X) in PBS	200 mL	37525
Microscopy Reagents		
ProLong™ Gold Antifade Mountant	2 mL	P10144
ProLong™ Gold Antifade Mountant	10 mL	P36930
ProLong™ Gold Antifade Mountant with DAPI	5 x 2 mL	P36935
ProLong™ Gold Antifade Mountant with DAPI	2 mL	P36941
ProLong™ Diamond Antifade Mountant with DAPI	5 x 2 mL	P36962
ProLong™ Diamond Antifade Mountant	10 mL	P36970
Reducing Agents		
NuPAGE™ Sample Reducing Agent (10X)	10 mL	NP0009
Water		
Nuclease-Free Water (not DEPC-Treated)	1 x 500 mL	AM9930
RT-PCR Grade Water	10 x 1.5 mL	AM9935
Lab Supplies, Plastics, & Glassware		
Microscope Slides & Accessories		
eBioscience™ StainTray™	1 each	44-0404-10
Plates & Accessories		
Pierce™ 96-Well Polystyrene Plates, Corner Notch	100 plates	15041
MicroAmp™ Clear Adhesive Film	100 films	4306311
MicroAmp™ Optical 384-Well Reaction Plate with Barcode	50 plates	4309849
MicroAmp™ Fast Optical 96-Well Reaction Plate with Barcode, 0.1 mL	20 plates	4346906
MicroAmp™ Optical Adhesive Film	25 covers	4360954
MicroAmp™ Fast Optical 96-Well Reaction Plate with Barcode, 0.1 mL	200 plates	4366932
MicroAmp™ Optical 96-Well Reaction Plate	10 plates	N8010560
Labeling & Detection Products		
Cellular Sensors & Indicators		
FluoZin™ -2, AM, cell permeant	50 µg	F24189
Cellular Structure Probes		
Premo™ FUCCI Cell Cycle Sensor (BacMam 2.0)	2 x 200 µL	P36238
Crosslinkers		
BS(PEG)9 (PEGylated bis(sulfosuccinimidyl)suberate)	100 mg	21582

Product Name	Size	Cat. No.
Enzyme Substrates		
1-Step™ Ultra TMB-ELISA Substrate Solution	250 mL	34028
SuperSignal™ West Dura Extended Duration Substrate	100 mL	34075
SuperSignal™ West Femto Maximum Sensitivity Substrate	20 mL	34094
C ₁₂ FDG (5-Dodecanoylamino fluorescein Di-β-D-Galactopyranoside)	5 mg	D2893
Fluorescent Dyes		
Click-iT™ Plus Alexa Fluor™ 488 Picolyl Azide Toolkit	1 kit	C10641
Gel & Membrane Stains		
UltraPure™ Ethidium Bromide, 10 mg/mL	10 mL	15585011
Labels & Labeling Kits		
EZ-Link™ Sulfo-NHS-Biotin	50 mg	21217
EZ-Link™ Sulfo-NHS-SS-Biotin	100 mg	21331
EZ-Link™ Sulfo-NHS-LC-Biotin	100 mg	21335
Pierce™ FITC Antibody Labeling Kit	3 reactions	53027
Alexa Fluor™ 488 Azide (Alexa Fluor™ 488 5-Carboxamido-(6-Azidohexanyl), Bis(Triethylammonium Salt)), 5-isomer	0.5 mg	A10266
Alexa Fluor™ 488 NHS Ester (Succinimidyl Ester)	1 mg	A20000
Proteins, Enzymes, & Peptides		
Enzyme Inhibitors		
Pierce™ Protease Inhibitor Mini Tablets, EDTA-free	30 tablets	A32955
SUPERase• In™ RNase Inhibitor (20 U/μL)	2,500 units	AM2694
SUPERase• In™ RNase Inhibitor (20 U/μL)	10,000 units	AM2696
Enzymes		
Trypsin, TPCK Treated	50 mg	20233
Extracellular Matrix Proteins		
Vitronectin (VTN-N) Recombinant Human Protein, Truncated	1 mL	A14700
Growth Factors, Chemokines & Cytokines		
IL3 Recombinant Human Protein	10 μg	PHC0034
SCF (C-Kit Ligand) Recombinant Human Protein	25 μg	PHC2116
VEGF Recombinant Human Protein	100 μg	PHC9391
FLT3 Ligand Recombinant Human Protein	25 μg	PHC9415
PCR & Cloning Enzymes		
BamHI (10 U/μL)	4,000 units	ER0051
NotI (10 U/μL)	500 units	ER0595
FastDigest NotI	20 reactions	FD0593
FastDigest MauBI	20 reactions	FD2084
SuperScript™ VILO™ Master Mix	250 reactions	11755250
PureLink™ RNase A (20 mg/mL)	10 mL	12091021
AccuPrime™ Taq DNA Polymerase, high fidelity	200 reactions	12346086

Standards, Ladders & Controls

Protein Standards & Ladders

PageRuler™ Prestained Protein Ladder, 10 to 180 kDa	2 x 250 µL	26616
Spectra™ Multicolor Broad Range Protein Ladder	2 x 250 µL	26634
IEF Marker 3-10	500 µL	3921201