

Product Name	Size	Cat. No.
--------------	------	----------

## Antibodies & Secondary Detection Reagents

### Avidin, Streptavidin & Biotin

Qdot™ 655 Streptavidin Conjugate	50 µL	Q10123MP
----------------------------------	-------	----------

### Isotype Control Antibodies

Mouse IgG Isotype Control	5 mg	026502
---------------------------	------	--------

### Primary Antibodies

EGF Monoclonal Antibody (1H11)	200 µg	M805
ZO-2 Polyclonal Antibody	100 µg	389100
Phospho-PKC lambda/iota (Thr555, Thr563) Polyclonal Antibody	10 blots	44968G
Apolipoprotein A2 Antibody (43H22L4), ABfinity™ Rabbit Monoclonal	100 µg	701236
PAX6 Monoclonal Antibody (13B10-1A10)	100 µg	MA1109
ATP1A3 Monoclonal Antibody (XVIF9-G10)	100 µg	MA3915
CD11c Monoclonal Antibody (N418), FITC, eBioscience™	100 µg	11-0114-82
CD45 Monoclonal Antibody (30-F11), PE, eBioscience™	200 µg	12-0451-83
Arginase 1 Monoclonal Antibody (A1exF5), PE, eBioscience™	100 µg	12-3697-82
F4/80 Monoclonal Antibody (BM8), PE, eBioscience™	100 µg	12-4801-82
iNOS Monoclonal Antibody (CXNFT), PE, eBioscience™	100 µg	12-5920-82
CD324 (E-Cadherin) Monoclonal Antibody (DECMA-1), eBioscience™	100 µg	14-3249-82
ROR gamma (t) Monoclonal Antibody (AFKJS-9), eBioscience™	100 µg	14-6988-82
CD90 (Thy-1) Monoclonal Antibody (eBio5E10 (5E10)), APC, eBioscience™	100 tests	17-0909-42
Ly-6C Monoclonal Antibody (HK1.4), PerCP-Cyanine5.5, eBioscience™	100 µg	45-5932-82
CD14 Monoclonal Antibody (61D3), Alexa Fluor 700, eBioscience™	100 tests	56-0149-42
EGFR Antibody, Alexa Fluor 488 (30H45L8), ABfinity™ Rabbit Monoclonal	50 µL	MA700308A48 8

### Secondary Antibodies

Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 532	500 µL	A11009
Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor 546	500 µL	A11040
Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 350	500 µL	A11046
Donkey anti-Goat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 568	500 µL	A11057
Donkey anti-Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 568	500 µL	A21099
Chicken anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	500 µL	A21200
Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 594	500 µL	A21203
Goat anti-Rat IgM Heavy Chain Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	250 µL	A21212
Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 555	500 µL	A21424
Goat anti-Mouse IgM Heavy Chain Cross-Adsorbed Secondary Antibody, Alexa Fluor 555	250 µL	A21426
Goat anti-Rabbit IgG Secondary Antibody, Alexa Fluor 488-10 nm colloidal gold	500 µL	A31566

## Beads & Microspheres

### Magnetic Beads for Cell Isolation & Expansion

Dynabeads™ M-450 Epoxy	5 mL	14011
------------------------	------	-------

### Microspheres

CML Latex Beads, 4% w/v, 10 µm	15 ml	C37259
--------------------------------	-------	--------

Product Name	Size	Cat. No.
--------------	------	----------

## Cell Culture & Transfection Reagents

### Antibiotics & Antimycotics

Antibiotic-Antimycotic (100X)	20 mL	15240096
-------------------------------	-------	----------

### Balanced Salt Solutions

PBS, pH 7.4	6 x 1,000 mL	10010072
HBSS, calcium, magnesium, no phenol red	10 x 500 mL	14025134
HBSS, no calcium, no magnesium	100 mL	14170120

### Basal Media

Advanced DMEM	10 x 500 mL	12491023
MEM $\alpha$ , nucleosides	10 x 500 mL	12571071
KnockOut™ DMEM/F-12	500 mL	12660012

### Cell Culture Supplements

N-2 Supplement (100X)	50 mL	17502001
CTS™ B-27™ Supplement, XenoFree, minus insulin	10 mL	A3695201

### Cell Dissociation Reagents

Soybean Trypsin Inhibitor, powder	1 g	17075029
-----------------------------------	-----	----------

### Serum

Fetal Bovine Serum, qualified, heat inactivated, USDA-approved regions	100 mL	10438018
--	--------	----------

### Serum-Free & Specialty Media

Medium 154	500 mL	M154500
Medium 231	500 mL	M231500
Medium 154CF, Kit	500 mL	M154CF500
Medium 254CF, Kit	1 kit	M254CF500

### Transfection Reagents

PLUS™ Reagent	0.85 mL	11514015
Lipofectamine™ RNAiMAX Transfection Reagent	15 ml	13778500

## Chromatography Columns, Resins, & Spin Filters

### Affinity Columns, Media, & Standards

NAb™ Protein G Spin Kit, 0.2 mL	10 columns	89949
HisPur™ Ni-NTA Chromatography Cartridges, 5 mL	2 x 5 mL	90099
Ni-NTA Agarose	10 mL	R90101

### Other LC Columns

Column Extenders for Pierce™ Centrifuge Columns	10 extenders	69707
---	--------------	-------

### Spin Filters, Columns, & Purification Plates

Pierce™ Spin Cups - Cellulose Acetate Filter	50 cups	69702
Pierce™ Centrifuge Columns, 5 mL	25 columns	89897

Product Name	Size	Cat. No.
--------------	------	----------

## Competent Cells & Strains

### Cloning Competent Cells

One Shot™ TOP10 Chemically Competent <i>E. coli</i>	40 reactions	C404006
ElectroMAX™ DH10B™ Cells	0.5 mL	18290015

## DNA Vectors, Clones, Purified Nucleic Acids & Libraries

### DNA Vectors

TOPO™ TA Cloning™ Kit for Sequencing, without competent cells	25 reactions	450030
Zero Blunt™ TOPO™ PCR Cloning Kit for Sequencing, with One Shot™ MAX Efficiency™ DH5α-T1 <sup>R</sup> <i>E. coli</i>	25 reactions	K289520
TOPO™ TA Cloning™ Kit for Subcloning, with One Shot™ TOP10 chemically competent <i>E. coli</i> cells	50 reactions	K450040
TOPO™ TA Cloning™ Kit for Sequencing, with One Shot™ TOP10 Chemically Competent <i>E. coli</i>	50 reactions	K457540

## Eukaryotic Cells

### Cell Lines

293FT Cell Line	3 x 10 <sup>6</sup> cells	R70007
-----------------	---------------------------	--------

### Primary Cells

CF1 Mouse Embryonic Fibroblasts, irradiated	4 x 10 <sup>6</sup> cells	A34181
---	---------------------------	--------

## Gels, Fractionation Strips, & Membranes

### Blotting Membranes

iBlot™ 2 Transfer Stacks, nitrocellulose, regular size	10 stacks	IB23001
iBlot™ 2 Transfer Stacks, nitrocellulose, mini	10 stacks	IB23002

### Pre-Cast Protein Gels

NuPAGE™ 4-12% Bis-Tris Midi Protein Gels, 20-well, w/adapters	10 gels (1 box)	WG1402A
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
Novex™ 16% Tricine Protein Gels, 1.0 mm, 10-well	10 gels (1 box)	EC6695BOX
NuPAGE™ 10% Bis-Tris Protein Gels, 1.5 mm, 10-well	10 gels (1 box)	NP0315BOX
Novex™ 10% Zymogram Plus (Gelatin) Protein Gels, 1.0 mm, 10-well	10 gels (1 box)	ZY00100BOX

## Instruments and Equipment

### Dialysis Membranes, Tubing, Cassettes & Devices

Slide-A-Lyzer™ Dialysis Cassettes, 10K MWCO, 3 mL	10 cassettes	66380
Slide-A-Lyzer™ Dialysis Cassettes, 10K MWCO, 0.5 mL	10 cassettes	66383
SnakeSkin™ Dialysis Tubing, 10K MWCO, 22 mm	10.5 m	68100
Slide-A-Lyzer™ MINI Dialysis Device, 10K MWCO, 0.5 mL	25 devices	88401

## Kits and Assays

### cDNA Synthesis, Library, & Cloning Kits

Maxima H Minus First Strand cDNA Synthesis Kit	100 reactions	K1652
SuperScript™ IV First-Strand Synthesis System	200 reactions	18091200

Product Name	Size	Cat. No.
<b>Cell Analysis Kits</b>		
Amplex™ Red Cholesterol Assay Kit	500 assays	A12216
CellROX™ Green Flow Cytometry Assay Kit	100 assays	C10492
Click-iT™ Plus TUNEL Assay for In Situ Apoptosis Detection, Alexa Fluor™ 488 dye	1 kit	C10617
PrestoBlue™ HS Cell Viability Reagent	100 mL	P50201
Mitochondrial Membrane Potential Apoptosis Kit, with Mitotracker™ Red & Annexin V Alexa Fluor™ 488, for flow cytometry	1 kit	V35116
<b>DNARNA Detection &amp; Analysis Kits</b>		
MAGnify™ Chromatin Immunoprecipitation System	24 reactions	492024
<b>DNARNA Purification Kits &amp; Reagents</b>		
PureLink™ Quick Gel Extraction and PCR Purification Combo Kit	50 preps	K220001
<b>ELISA Kits</b>		
IL-6 Mouse ELISA Kit	2 x 96 tests	KMC0062
MMP9 Human ELISA Kit	96 tests	BMS2016-2
ANGPTL4 Human ELISA Kit	96 tests	EHANGPTL4
IgG (Total) Mouse Uncoated ELISA Kit	10 x 96 tests	88-50400-88
<b>Mass Spectrometry Sample Preparation Kits</b>		
Pierce™ Trypsin Protease, MS Grade	5 x 20 µg	90057
<b>Mass Tagging Systems for Proteomics</b>		
DMEM for SILAC	500 mL	88364
DMEM:F-12 for SILAC	500 mL	88370
<b>Western Blotting Kits</b>		
Pierce™ Fast Western Blot Kit, ECL Substrate	1 L	35050
<b>Lab Reagents and Chemicals</b>		
<b>Cell Lysis &amp; Organelle Isolation Reagents</b>		
Pierce™ Cell Surface Protein Isolation Kit	8 reactions	89881
<b>Cell Treatment Reagents</b>		
eBioscience™ Monensin Solution (1000X)	1 mL	00-4505-51
<b>Denaturing Agents</b>		
Formamide (Deionized)	500 g	AM9342
UltraPure™ Sodium Dodecyl Sulfate (SDS)	500 g	15525017
<b>Electrophoresis Reagents &amp; Buffers</b>		
TriTrack DNA Loading Dye (6X)	5 x 1.0 mL	R1161
NativePAGE™ Running Buffer (20X)	1 L	BN2001
NativePAGE™ Sample Prep Kit	1 kit	BN2008
Novex™ Tris-Glycine Native Running Buffer (10X)	500 mL	LC2672
Novex™ Tris-Glycine Native Sample Buffer (2X)	20 mL	LC2673
Novex™ pH 3-10 IEF Buffer Kit, <i>Includes LC5300, LC5310, LC5311</i>	1 kit	LC5317
UltraPure™ Agarose	500 g	16500500
<b>Fixation &amp; Permeabilization Reagents</b>		
Permeabilization Medium (Medium B)	100 mL	GAS002S100

Product Name	Size	Cat. No.
<b>General Chemicals for Life Science</b>		
IPTG, dioxane-free	5 x 5 g	R0393
IPTG Solution, ready-to-use	10 x 1.5 mL	R1171
<b>Microscopy Reagents</b>		
Live Cell Imaging Solution	500 mL	A14291DJ
<b>Reducing Agents</b>		
NuPAGE™ Sample Reducing Agent (10X)	250 µL	NP0004
<b>Water</b>		
UltraPure™ DEPC-Treated Water	4 x 100 mL	750024
Nuclease-Free Water (not DEPC-Treated)	1 x 100 mL	AM9938
Distilled Water	1,000 mL	15230147
Distilled Water	10 x 500 mL	15230204
<b>Lab Supplies, Plastics, &amp; Glassware</b>		
<b>Tips</b>		
Barrier (Filter) Tips, 200 µL size	10 racks	AM12655
Barrier (Filter) Tips, 1,000 µL size	10 racks	AM12665
<b>Tubes, Vials, Jars &amp; Accessories</b>		
Phasemaker™ Tubes	100 tubes	A33248
Tubes and Domed Caps, strips of 8	250 strips	AB0266
RNase-free Microfuge Tubes (1.5 mL)	500 tubes	AM12400
<b>Labeling &amp; Detection Products</b>		
<b>Amino Acid Analysis Reagents</b>		
DTNB (Ellmans Reagent) (5,5-dithio-bis-(2-nitrobenzoic acid)	5 g	22582
<b>Cell Stains</b>		
Acridine Orange	1 g	A1301
Nonyl Acridine Orange (Acridine Orange 10-Nonyl Bromide)	100 mg	A1372
Acridine Orange (10 mg/mL in water)	10 mL	A3568
Hexidium Iodide	5 mg	H7593
SYTO™ 13 Green Fluorescent Nucleic Acid Stain - 5 mM Solution in DMSO	250 µL	S7575
FM™ 1-43 Dye ( <i>N</i> -(3-Triethylammoniumpropyl)-4-(4-(Dibutylamino) Styryl) Pyridinium Dibromide)	1 mg	T3163
DiOC <sub>2</sub> (3) (3,3-Diethyloxycarbocyanine Iodide)	100 mg	D14730
FxCycle™ PI/RNase Staining Solution	100 mL	F10797
Vybrant™ DiO Cell-Labeling Solution	1 mL	V22886
<b>Cellular Structure Probes</b>		
CellLight™ Nucleus-GFP, BacMam 2.0	1 mL	C10602
CellLight™ Nucleus-RFP, BacMam 2.0	1 mL	C10603
Paclitaxel, Oregon Green™ 488 Conjugate (Oregon Green™ 488 Taxol, Flutax-2)	100 µg	P22310
Premo™ FUCCI Cell Cycle Sensor (BacMam 2.0)	2 x 1,000 µL	P36237
<b>Conjugated Biomolecules</b>		
Epidermal Growth Factor, Biotinylated, complexed to Alexa Fluor™ 647 Streptavidin (Alexa Fluor™ 647 EGF complex)	100 µg	E35351
Texas Red™ 1,2-Dihexadecanoyl- <i>sn</i> -Glycero-3-Phosphoethanolamine, Triethylammonium Salt (Texas Red™ DHPE) 1 mg		T1395MP

Product Name	Size	Cat. No.
<b>Crosslinkers</b>		
BS3 (bis(sulfosuccinimidyl)suberate), No-Weigh™ Format	10 x 2 mg	A39266
<b>Enzyme Substrates</b>		
SuperSignal™ ELISA Pico Chemiluminescent Substrate	100 mL	37070
X-Gal	1 g	R0404
<b>Gel &amp; Membrane Stains</b>		
Pierce™ Zinc Reversible Stain Kit	1.5 L	24582
GelCode™ Blue Safe Protein Stain	1 L	24594
<b>Labels &amp; Labeling Kits</b>		
NHS-Fluorescein (5/6-carboxyfluorescein succinimidyl ester), mixed isomer	100 mg	46410
ManNAz (N-azidoacetylmannosamine tetraacylated)	5 mg	88904
Oregon Green™ 488 Carboxylic Acid, Succinimidyl Ester, 6-isomer	5 mg	O6149
Alexa Fluor™ 546 Protein Labeling Kit	1 kit	A10237
Alexa Fluor™ 488 Antibody Labeling Kit	1 kit	A20181
Alexa Fluor™ 647 Antibody Labeling Kit	1 kit	A20186
Alexa Fluor™ 555 Antibody Labeling Kit	1 kit	A20187
Alexa Fluor™ 405 NHS Ester (Succinimidyl Ester)	1 mg	A30000
<b>Oligos, Primers, Probes &amp; Nucleotides</b>		
<b>Nucleotides</b>		
dATP Solution (100 mM)	0.25 mL	R0141
dCTP Solution (100 mM)	0.25 mL	R0151
dGTP Solution (100 mM)	0.25 mL	R0161
dNTP Mix (2 mM each)	1 mL	R0241
<b>Proteins, Enzymes, &amp; Peptides</b>		
<b>Enzyme Inhibitors</b>		
Paclitaxel (Taxol Equivalent) - for use in research only	5 mg	P3456
<b>PCR &amp; Cloning Enzymes</b>		
Phire Green Hot Start II DNA Polymerase	200 reactions	F124S
Phire Hot Start II PCR Master Mix	200 reactions	F125S
PCR Master Mix (2X)	200 reactions	K0171
Ambion™ DNase I (RNase-free)	2,000 units	AM2222
RNase H (5 U/μL)	100 units	EN0201
Exonuclease I (20 U/μL)	4,000 units	EN0581
T4 DNA Polymerase (5 U/μL)	500 units	EP0062
T7 RNA Polymerase (20 U/μL)	5,000 units	EP0111
Taq DNA Polymerase, recombinant (5 U/μL)	5 x 500 units	EP0405
RevertAid Reverse Transcriptase (200 U/μL)	10,000 units	EP0441
RevertAid Reverse Transcriptase (200 U/μL)	5 x 10,000 units	EP0442
RevertAid H Minus Reverse Transcriptase (200 U/μL)	10,000 units	EP0451
DreamTaq Green DNA Polymerase (5 U/μL)	500 units	EP0712
FastDigest Eco32I	200 reactions	FD0303
AccuPrime™ Taq DNA Polymerase, high fidelity	200 reactions	12346086
Platinum™ SuperFi™ PCR Master Mix	100 reactions	12358010

\* Prices subject to change

Product Name	Size	Cat. No.
Platinum™ SuperFi™ Green PCR Master Mix	100 reactions	12359010
DNase I, Amplification Grade	100 units	18068015
SuperScript™ III Reverse Transcriptase	4 x 10,000 units	18080085

## Standards, Ladders & Controls

### Control Serum, Cell Extracts, & Related Standards

Sheep IgG Isotype Control	10 mg	31243
---------------------------	-------	-------

### DNARNA Ladders

GeneRuler 1 kb DNA Ladder	5 x 50 µg	SM0311
GeneRuler 100 bp Plus DNA Ladder	5 x 50 µg	SM0322
GeneRuler DNA Ladder Mix, ready-to-use	5 x 50 µg	SM0333
GeneRuler 50 bp DNA Ladder	50 µg	SM0371
GeneRuler Low Range DNA Ladder, ready-to-use	50 µg	SM1193
RiboRuler Low Range RNA Ladder, ready-to-use	5 x 40 µL	SM1833
TrackIt™ 1 Kb Plus DNA Ladder	50 µg	10488085

### Synthetic RNAi Controls

<i>Silencer</i> ™ Negative Control No. 1 siRNA	5 nmol	AM4611
<i>Silencer</i> ™ Cy™ 3-labeled Negative Control No. 1 siRNA	5 nmol	AM4621
<i>mirVana</i> ™ miRNA Mimic, Negative Control #1	50 nmol	4464060