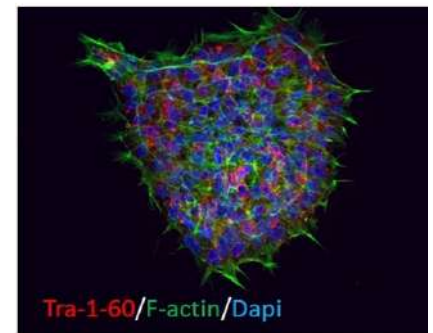
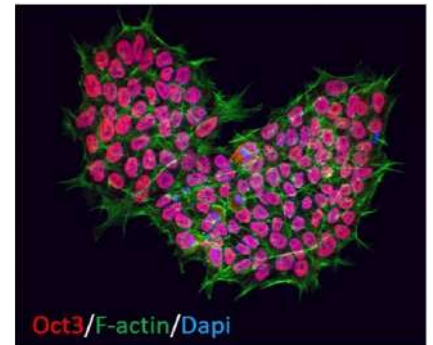


## Proteins for Stem Cell Therapy Research

Products	GMP	Cat #		
		Human	Mouse	Rat
Activin A	338-GMP	338-AC	338-AC	338-AC
BMP-2	355-GMP	355-BM	355-BM	355-BM
BMP-4	314E-GMP	314-BP	5020-BP	
Dkk-1		5439-DK	5897-DK	4010-DK
EGF	236-GMP	236-EG	2028-EG	3214-EG
FGF-basic	233-GMP	233-FB	3139-FB	3339-FB
Flt-3 Ligand	308E-GMP	308-FK	427-FL	
HGF	294-GMP	294-HG	2207-HG	
IGF-1	291-GMP	291-G1	791-MG	4326-RG
KGF/FGF-7	251-GMP	251-KG	5028-KG	
Noggin	6057-GMP	6057-NG	1967-NG	
PDGF-BB	220-GMP	220-BB		520-BB
SCF/c-kit Ligand	BT-SCF-GMP	255-SC	455-MC	6998-SC
Sonic Hedgehog(C24II) N-terminus	1845-GMP	1845-SH	464-SH	
Sonic Hedgehog N-terminus	1314-GMP	1314-SH	461-SH	
Wnt-3a	5036-GMP	5036-WN	1324-WN	
R-Spondin1		4645-RS	3474-RS	

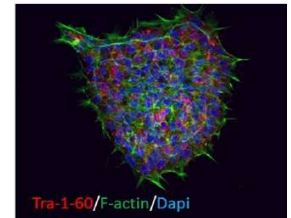
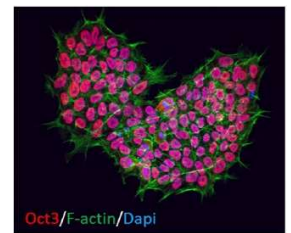


## Small Molecules for Reprogramming and Maintenance

Category	Products	Cat #	Products	Cat #
GMP Grade (cGMP guidelines)	CHIR 99021	TB4423-GMP	XAV 939	TB3748-GMP
	LDN 193189 New	TB6053-GMP	Y-27632 dihydrochloride	TB1254-GMP
	SB 431542	TB1614-GMP		
Category	Products	Cat #	Products	Cat #
Ancillary Material Grade	A 83-01 New	TB2939-RMU	ISX 9	TB4439-RMU
	AGN 193109	TB5758-RMU	RepSox	TB3742-RMU
	AM 580	TB0760-RMU	Staurosporine	TB1285-RMU
	DAPT	TB2634-RMU	T3 New	TB6666-RMU
	DBZ	TB4489-RMU	WIKI4	TB4855-RMU
	DZNep HCl	TB4703-RMU		
	Forskolin	TB1099-RMU		
Category	Products	Cat #	Description	
Standard Grade	CHIR 99021	4423	used in small molecule cocktail to generate ciPSCs from MEFs	
	DAPT	2634	Notch inhibitor; induces neuronal differentiation	
	RepSox	3742	Enhances reprogramming efficiency; replaces Sox2	
	WIKI4	4855	tankyrase inhibitors; stabilize axin and block Wnt/ $\beta$ -catenin signaling	
	SB 431542	1614	Replaces SOX2 in reprogramming of fibroblasts into iPSCs	
	XAV 939	3748	Promotes cardiomyocyte differentiation from ESCs; tankyrase inhibitor; inhibits Wnt signaling	
	Y-27632	1254	Reduces apoptosis of PSCs during routine passage and improves survival of stem cells undergoing cryopreservation; ROCK inhibitor	
	Valproic Acid	2815	induction of pluripotent stem cells from somatic cells	
	IWP 4	5214	Potent inhibitor of Wnt/ $\beta$ -catenin signaling; induces cardiomyocyte differentiation of human ESCs and iPSCs	
	Retinoic Acid	0695	Promotes differentiation of mouse ESCs into adipocytes, pancreatic cells, neurons and glia	
Forskolin	1099	induces neuronal differentiation		

## Stem Cell Qualified and Available ECM

Products	Size	Cat#
Cultrex Stem Cell Qualified Reduced Growth Factor BME	2x 5mL	3434-010-02
Cultrex Stem Cell Qualified Reduced Growth Factor BME	5mL	3434-005-02
Cultrex Stem Cell Qualified Reduced Growth Factor BME	1mL	3434-001-02
Cultrex ReadyBME, Stem Cell Qualified, Reduced Growth Factor	50mL	3434-050-RTU
Cultrex UltiMatrix Reduced Growth Factor BME	10mL	BME001-10
Cultrex UltiMatrix Reduced Growth Factor BME	5mL	BME001-05
Cultrex UltiMatrix Reduced Growth Factor BME	1mL	BME001-01
Cultrex Stem Cell Qualified Laminin I, Pathclear	1mg	3400-010-03



## Media & Kits for Stem Cell

Name	Description	Cat#
<b>Culture Media</b>		
ExCellerate iPSC Expansion Medium	Animal Component-Free medium	CCM036
StemXVivo Xeno-Free Human MSC Expansion Media		CCM021
StemXVivo MSC Expansion Media		CCM004
StemXVivo MSC Serum-Free Expansion Media		CCM014
StemXVivo Serum-Free MSC Freezing Media		CCM016
StemXVivo Osteogenic/Adipogenic Base Media		CCM007
StemXVivo Adipogenic Supplement (100X)	Cell Type Specific Media	CCM011
StemXVivo Human Osteogenic Supplement	Stem cell에 최적화된 Media & Supplement	CCM008
StemXVivo Mouse/Rat Osteogenic Supplement	R&D의 Good Quality Products 이용	CCM009
StemXVivo Chondrogenic Base Media		CCM005
StemXVivo Human/Mouse Chondrogenic Supplement	Ready to Use	CCM006
N-2 MAX Media Supplement		AR009
N-2 Plus Media Supplement		AR003
N-21 MAX Insulin Free Media Supplement		AR010
N-21 MAX Vitamin A free Media Supplement		AR012

<b>Identification Kits</b>	
hMSC Functional Identification Kit	SC006
rMSC Functional Identification Kit	SC020
hPluripotent SC Functional Identification Kit	SC027B
h/m/r Neural Lineage Functional Identification Kit	SC028
hPluripotent Stem Cell 3-Color Immunocytochemistry Kit	SC021
h/m/r Neural 3-Color Immunocytochemistry Kit	SC024
h/m/r Neural Progenitor Cell Marker Antibody Panel	SC025

<b>Differentiation Kits</b>	
StemXVivo Ectoderm Kit	SC031B
StemXVivo Mesoderm Kit	완벽히 optimization 된 Kit SC030B
StemXVivo Endoderm Kit	실험 간의 variation 최소화 SC019B
h/m Dopaminergic Neuron Differentiation Kit	R&D의 Good Quality Proteins 제공 SC001B
m Oligodendrocyte Differentiation Kit	Differentiation 하기 위한 Ab 제공 SC004
StemXVivo Neural Progenitor Differentiation Kit	SC035
StemXVivo Cardiomyocyte Differentiation Kit	간단하고 손쉬운 Protocol SC032B
StemXVivo Hepatocyte Differentiation Kit	SC033