



## Human Stem Cell Primer Library

**Catalog No:** HSCL-1  
**Supplier:** RealTimePrimers  
**Lot No:** XXXXX  
**Supplied as:** solid  
**Stability:** store at -20°C

### Description

Contains 88 primer sets directed against stem cell genes and 8 housekeeping genes. Provided in a 96-well microplate (20 ul - 10 uM). Perform up to 100 PCR arrays (based on 20 ul assay volume per reaction). Just add cDNA template and SYBR green master mix.

### Gene List:

- CD9 CD9 molecule
- CER1 Cerberus 1, cysteine knot superfamily, homolog
- CHST4 Carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4
- CLDN6 Claudin 6
- COMMD3 COMM domain containing 3
- DIAPH2 Diaphanous homolog 2 (Drosophila)
- DPPA5 Developmental pluripotency associated 5
- EDNRB Endothelin receptor type B
- FGF4 Fibroblast growth factor 4
- FOXD3 Forkhead box D3
- GABRB3 Gamma-aminobutyric acid (GABA) A receptor, beta 3
- GAL Galanin prepropeptide
- GBX2 Gastrulation brain homeobox 2
- GDF3 Growth differentiation factor 3
- GJA1 Gap junction protein, alpha 1, 43kDa
- GRB7 Growth factor receptor-bound protein 7
- GYLTL1B Glycosyltransferase-like 1B
- IFITM1 Interferon induced transmembrane protein 1 (9-27)
- IFITM2 Interferon induced transmembrane protein 2 (1-8D)
- ITGB1 Integrin, beta 1
- KIT V-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene
- LCK Lymphocyte-specific protein tyrosine kinase
- LECT1 Leukocyte cell derived chemotaxin 1
- LEFTY1 Left-right determination factor 1
- LEFTY2 Left-right determination factor 2
- LIN28 Lin-28 homolog (C. elegans)
- NANOG Nanog homeobox pseudogene 1
- NODAL Nodal homolog (mouse)
- NR5A2 Nuclear receptor subfamily 5, group A, member 2
- NR6A1 Nuclear receptor subfamily 6, group A, member 1
- NTS Neurotensin
- NUMB Numb homolog (Drosophila)
- PMAIP1 Phorbol-12-myristate-13-acetate-induced protein 1
- PODXL Podocalyxin-like
- POU5F1 POU class 5 homeobox 1
- PTEN Phosphatase and tensin homolog
- REST RE1-silencing transcription factor
- REXO1 Data not found
- SALL2 Sal-like 2 (Drosophila)
- SCGB3A2 Secretoglobulin, family 3A, member 2
- SFRP2 Secreted frizzled-related protein 2
- SMAD2 SMAD family member 2
- SOX6 SRY (sex determining region Y)-box 6
- TDGF1 Teratocarcinoma-derived growth factor 1
- TFCP2L1 Transcription factor CP2-like 1
- ZFP42 Zinc finger protein 42 homolog (mouse)
- CRABP2 Cellular retinoic acid binding protein 2
- MAP2 Microtubule-associated protein 2
- NES Nestin
- OLIG2 Oligodendrocyte lineage transcription factor 2
- PAX6 Paired box 6
- SEMA3A Sema domain, immunoglobulin domain (Ig), 3A
- VIM Vimentin
- ACVR1B Activin A receptor, type IB
- AFP Alpha-fetoprotein
- DCN Decorin
- FGF8 Fibroblast growth factor 8 (androgen-induced)
- FN1 Fibronectin 1
- FOXA2 Forkhead box A2
- GATA6 GATA binding protein 6
- GCG Glucagon
- H19 H19, imprinted maternally expressed transcript
- HGF Hepatocyte growth factor (hepapoietin A; scatter factor)
- HNF4A Hepatocyte nuclear factor 4, alpha



- INS Insulin
- LAMB1 Laminin, beta 1
- LAMC1 Laminin, gamma 1 (formerly LAMB2)
- PECAM1 Platelet/endothelial cell adhesion molecule (CD31 antigen)
- SERPINA1 Serpin peptidase inhibitor, clade A
- BMP2 Bone morphogenetic protein 2
- COL1A1 Collagen, type I, alpha 1
- COL2A1 Collagen, type II, alpha 1
- DES Desmin
- HAND1 Heart and neural crest derivatives expressed 1
- HBB Hemoglobin, beta
- IGF2 Insulin-like growth factor II
- NPPA Natriuretic peptide precursor A
- RUNX2 Runt-related transcription factor 2
- T T, brachyury homolog (mouse)
- WT1 Wilms tumor 1
- CDX2 Caudal type homeobox 2
- EOMES Eomesodermin homolog (Xenopus laevis)
- GATA2 GATA binding protein 2
- GCM1 Glial cells missing homolog 1 (Drosophila)
- KRT1 Keratin 1 (epidermolytic hyperkeratosis)
- KRT18 Keratin 18
- PSG3 Pregnancy specific beta-1-glycoprotein 3
- TBX1 T-box 1
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPD Glyceraldehyde phosphate dehydrogenase
- GUSB Glucuronidase, beta
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- PGK1 Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

#### Usage

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