



Human Epithelial Mesenchymal Transition Primer Library

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

Description

Contains 88 primer sets directed against epithelial-mesenchymal transition genes and 8 housekeeping gene primer sets. 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:

- AHNAK AHNAK nucleoprotein
- AKT1 V-akt murine thymoma viral oncogene homolog 1
- BMP1 Bone morphogenetic protein 1
- BMP2 Bone morphogenetic protein 2
- BMP7 Bone morphogenetic protein 7
- CALD1 Caldesmon 1
- CAMK2N1 Calcium/calmodulin-dependent protein kinase II inhibitor 1
- CAV1 Caveolin 1
- CCND2 Cyclin D2
- CDH1 Cadherin 1, type 1, E-cadherin (epithelial)
- CDH2 Cadherin 2, type 1, N-cadherin (neuronal)
- COL1A2 Collagen, type I, alpha 2
- COL5A1 Collagen, type V, alpha 1
- COL5A2 Collagen, type V, alpha 2
- CTNNB1 Catenin (cadherin-associated protein), beta 1, 88kDa
- DDR1 discoidin domain receptor tyrosine kinase 1
- DSC2 Desmocollin 2
- DSP Desmoplakin
- EGFR Epidermal growth factor receptor
- ERBB3 V-erb-b2 erythroblastic leukemia viral oncogene homolog 3
- ESR1 Estrogen receptor 1
- F11R F11 receptor
- FGFBP1 Fibroblast growth factor binding protein 1
- FN1 Fibronectin 1
- FOXC1 Forkhead box C1
- FOXC2 Forkhead box C2
- FZD7 Frizzled family receptor 7
- GNG11 Guanine nucleotide binding protein (G protein), gamma 11
- GSC Goosecoid homeobox
- GSK3B Glycogen synthase kinase 3 beta
- IGFBP4 Insulin-like growth factor binding protein 4
- IL1RN Interleukin 1 receptor antagonist
- ILK Integrin-linked kinase
- ITGA5 Integrin, alpha 5
- ITGAV Integrin, alpha V
- ITGB1 Integrin, beta 1)
- JAG1 Jagged 1
- KRT14 Keratin 14
- KRT19 Keratin 19
- KRT7 Keratin 7
- MAP1B Microtubule-associated protein 1B
- MMP2 Matrix metalloproteinase 2
- MMP3 Matrix metalloproteinase 3
- MMP9 Matrix metalloproteinase 9
- MSN Moesin
- MST1R Macrophage stimulating 1 receptor
- NODAL Nodal homolog (mouse)
- NOTCH1 Notch 1
- OCLN Occludin
- PDGFRB Platelet-derived growth factor receptor, beta polypeptide
- PLEK2 Pleckstrin 2
- PPPDE2 PPPDE peptidase domain containing 2
- PTK2 PTK2 protein tyrosine kinase 2
- PTP4A1 Protein tyrosine phosphatase type IVA, member 1
- RAC1 Ras-related C3 botulinum toxin substrate 1
- RGS2 Regulator of G-protein signaling 2, 24kDa
- SERPINE1 Serpin peptidase inhibitor, clade E, member 1
- SIP1 Survival of motor neuron protein interacting protein 1
- SMAD2 SMAD family member 2
- SNAI1 Snail homolog 1 (Drosophila)
- SNAI2 Snail homolog 2 (Drosophila)
- SNAI3 Snail homolog 3 (Drosophila)
- SOX10 SRY (sex determining region Y)-box 10
- SPARC Secreted protein, acidic, cysteine-rich (osteonectin)



- SPP1 Secreted phosphoprotein 1
- STAT3 Signal transducer and activator of transcription 3
- STEAP1 Six transmembrane epithelial antigen of the prostate 1
- TCF3 Transcription factor 3
- TCF4 Transcription factor 4
- TFPI2 Tissue factor pathway inhibitor 2
- TGFB1 Transforming growth factor, beta 1
- TGFB2 Transforming growth factor, beta 2
- THBS1 Thrombospondin 1
- THBS2 Thrombospondin 2
- TIMP1 TIMP metalloproteinase inhibitor 1
- TMEFF1 Transmembrane protein with EGF-like and two follistatin-like domains 1
- TMEM132A Transmembrane protein 132A
- TSPAN13 Tetraspanin 13
- TWIST1 Twist homolog 1 (Drosophila)
- VCAN Versican
- VIM Vimentin
- VPS13A Vacuolar protein sorting 13 homolog A (*S. cerevisiae*)
- WNT5A Wingless-type MMTV integration site family, member 5A
- WNT5B Wingless-type MMTV integration site family, member 5B
- WNT9A Wingless-type MMTV integration site family, member 9A
- WNT11 Wingless-type MMTV integration site family, member 11
- ZEB1 Zinc finger E-box binding homeobox 1
- ZEB2 Zinc finger E-box binding homeobox 2
- 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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