



Human Endothelial Cell Primer Library

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

Description

Contains 88 primer sets directed against endothelial 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:

- ACE angiotensin I converting enzyme 1
- ADAM17 ADAM metallopeptidase domain 17
- AGT angiotensinogen
- AGTR1 angiotensin II receptor, type 1
- ALOX5 arachidonate 5-lipoxygenase
- ANGPT1 angiopoietin 1
- ANGPT2 angiopoietin 2
- ANXA5 annexin A5
- BAX BCL2-associated X protein
- BCL2 B-cell CLL/lymphoma 2
- BCL2A1 BCL2-related protein A1
- BCL2L1 BCL2-like 1
- CXCR5 chemokine (C-X-C motif) receptor 5
- CASP1 caspase 1, apoptosis-related cysteine peptidase
- CASP3 caspase 3, apoptosis-related cysteine peptidase
- CASP6 caspase 6, apoptosis-related cysteine peptidase
- CCL2 chemokine (C-C motif) ligand 2
- CCL5 chemokine (C-C motif) ligand 5
- CD34 CD34 molecule
- CD36 CD36 molecule (thrombospondin receptor)
- CDH5 cadherin 5, type 2 (vascular endothelium)
- CFLAR CASP8 and FADD-like apoptosis regulator
- COL18A1 collagen, type XVIII, alpha 1
- CPB2 carboxypeptidase B2 (plasma)
- CRADD CASP2 and RIPK1 domain containing adaptor with death domain
- CSF2 colony stimulating factor 2 (granulocyte-macrophage)
- CX3CL1 chemokine (C-X3-C motif) ligand 1
- TYMP thymidine phosphorylase
- EDN1 endothelin 1
- EDN2 endothelin 2
- EDNRA endothelin receptor type A
- FAS Fas (TNF receptor superfamily, member 6)
- FASLG Fas ligand (TNF superfamily, member 6)
- FGF1 fibroblast growth factor 1 (acidic)
- FLT1 fms-related tyrosine kinase 1
- FN1 fibronectin 1
- ICAM1 intercellular adhesion molecule 1
- IFNB1 interferon, beta 1, fibroblast
- IL11 interleukin 11
- IL1B interleukin 1, beta
- IL3 interleukin 3 (colony-stimulating factor, multiple)
- IL6 interleukin 6 (interferon, beta 2)
- IL7 interleukin 7
- ITGA5 integrin, alpha 5 (fibronectin receptor, alpha polypeptide)
- ITGAV integrin, alpha V
- ITGB1 integrin, beta 1
- ITGB3 integrin, beta 3
- KDR kinase insert domain receptor
- KIT v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
- KLK3 kallikrein-related peptidase 3
- MMP1 matrix metallopeptidase 1
- MMP2 matrix metallopeptidase 2
- MMP9 matrix metallopeptidase 9
- NOS2 nitric oxide synthase 2, inducible
- NOS3 nitric oxide synthase 3 (endothelial cell)
- NPPB natriuretic peptide B
- NPR1 natriuretic peptide receptor A/guanylate cyclase A
- OCLN occludin
- PDGFRA platelet-derived growth factor receptor, alpha polypeptide
- PECAM1 platelet/endothelial cell adhesion molecule 1
- PF4 platelet factor 4
- PGF placental growth factor
- PLA2G4C phospholipase A2, group IVC
- PLAT plasminogen activator, tissue
- PLAU plasminogen activator, urokinase



- PLG plasminogen
- PTGIS prostaglandin I2 (prostacyclin) synthase
- RHOB ras homolog family member B
- RIPK1 receptor (TNFRSF)-interacting serine-threonine kinase 1
- SELE selectin E
- SELL selectin L
- SELPLG selectin P ligand
- SERPINE1 serpin peptidase inhibitor, clade E, member 1
- SOD1 superoxide dismutase 1, soluble
- SPARC secreted protein, acidic, cysteine-rich (osteonectin)
- SPHK1 sphingosine kinase 1
- TEK TEK tyrosine kinase, endothelial
- TFPI tissue factor pathway inhibitor
- THBD thrombomodulin
- THBS1 thrombospondin 1
- TIMP1 TIMP metallopeptidase inhibitor 1
- TNF tumor necrosis factor
- TNFAIP3 tumor necrosis factor, alpha-induced protein 3
- TNFRSF10C tumor necrosis factor receptor superfamily, member 10c
- TNFSF10 tumor necrosis factor (ligand) superfamily, member 10
- VCAM1 vascular cell adhesion molecule 1
- VEGFA vascular endothelial growth factor A
- VWF von Willebrand factor
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPDH Glyceraldehyde-3-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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