



Human Integrin Signaling Primer Library

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

Description

Contains 88 primer sets directed against integrin signaling 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:

- ADAMTS1 ADAM metalloproteinase with thrombospondin type 1 motif, 1
- ADAMTS13 ADAM metalloproteinase with thrombospondin type 1 motif, 13
- ADAMTS8 ADAM metalloproteinase with thrombospondin type 1 motif, 8
- CD44 CD44 molecule (Indian blood group)
- CDH1 cadherin 1, type 1, E-cadherin (epithelial)
- CNTN1 contactin 1
- COL11A1 collagen, type XI, alpha 1
- COL12A1 collagen, type XII, alpha 1
- COL14A1 collagen, type XIV, alpha 1
- COL15A1 collagen, type XV, alpha 1
- COL16A1 collagen, type XVI, alpha 1
- COL1A1 collagen, type I, alpha 1
- COL4A2 collagen, type IV, alpha 2
- COL5A1 collagen, type V, alpha 1
- COL6A1 collagen, type VI, alpha 1
- COL6A2 collagen, type VI, alpha 2
- COL7A1 collagen, type VII, alpha 1
- COL8A1 collagen, type VIII, alpha 1
- CTGF connective tissue growth factor
- CTNNA1 catenin (cadherin-associated protein), alpha 1, 102kDa
- CTNNB1 catenin (cadherin-associated protein), beta 1, 88kDa
- CTNND1 catenin (cadherin-associated protein), delta 1
- CTNND2 catenin (cadherin-associated protein), delta 2 (neural plakophilin-related arm-repeat protein)
- ECM1 extracellular matrix protein 1
- FN1 fibronectin 1
- HAS1 hyaluronan synthase 1
- ICAM1 intercellular adhesion molecule 1
- ITGA1 integrin, alpha 1
- ITGA10 integrin, alpha 10
- ITGA11 integrin, alpha 11
- ITGA2 integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)
- ITGA3 integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)
- ITGA4 integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)
- ITGA5 integrin, alpha 5 (fibronectin receptor, alpha polypeptide)
- ITGA6 integrin, alpha 6
- ITGA7 integrin, alpha 7
- ITGA8 integrin, alpha 8
- ITGA9 integrin, alpha 9
- ITGAD integrin, alpha D
- ITGAL integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)
- ITGAM integrin, alpha M (complement component 3 receptor 3 subunit)
- ITGAV integrin, alpha V
- ITGAX integrin, alpha X (complement component 3 receptor 4 subunit)
- ITGB1 integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
- ITGB2 integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)
- ITGB3 integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)
- ITGB4 integrin, beta 4
- ITGB5 integrin, beta 5
- ITGB6 integrin, beta 6
- ITGB7 integrin, beta 7
- ITGB8 integrin, beta 8
- LAMA1 laminin, alpha 1
- LAMA2 laminin, alpha 2
- LAMA3 laminin, alpha 3
- LAMB1 laminin, beta 1
- LAMB3 laminin, beta 3
- LAMC1 laminin, gamma 1



- MMP1 matrix metallopeptidase 1 (interstitial collagenase)
- MMP10 matrix metallopeptidase 10 (stromelysin 2)
- MMP11 matrix metallopeptidase 11 (stromelysin 3)
- MMP12 matrix metallopeptidase 12 (macrophage elastase)
- MMP13 matrix metallopeptidase 13 (collagenase 3)
- MMP14 matrix metallopeptidase 14 (membrane-inserted)
- MMP15 matrix metallopeptidase 15 (membrane-inserted)
- MMP16 matrix metallopeptidase 16 (membrane-inserted)
- MMP2 matrix metallopeptidase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)
- MMP3 matrix metallopeptidase 3 (stromelysin 1, progelatinase)
- MMP7 matrix metallopeptidase 7 (matrilysin, uterine)
- MMP8 matrix metallopeptidase 8 (neutrophil collagenase)
- MMP9 matrix metallopeptidase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)
- NCAM1 neural cell adhesion molecule 1
- PECAM1 platelet/endothelial cell adhesion molecule 1
- SELE selectin E
- SELL selectin L
- SELP selectin P (granule membrane protein 140kDa, antigen CD62)
- SGCE sarcoglycan, epsilon
- SPARC secreted protein, acidic, cysteine-rich (osteonectin)
- SPG7 spastic paraplegia 7 (pure and complicated autosomal recessive)
- SPP1 secreted phosphoprotein 1
- TGFBI transforming growth factor, beta-induced, 68kDa
- THBS1 thrombospondin 1
- THBS2 thrombospondin 2
- THBS3 thrombospondin 3
- TIMP1 TIMP metallopeptidase inhibitor 1
- TIMP2 TIMP metallopeptidase inhibitor 2
- TNC tenascin C
- VCAM1 vascular cell adhesion molecule 1
- VCAN versican
- 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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