



Human BMP Signaling Primer Library

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

Description

Contains 88 primer sets directed against bone morphogenetic 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:

- ACVR1 Activin A receptor, type I
- ACVR1B activin A receptor, type IB
- ACVR1C activin A receptor, type IC
- ACVR2A Activin A receptor, type IIA
- ACVR2B Activin A receptor, type IIB
- ACVRL1 Activin A receptor type II-like 1
- AMH Anti-Mullerian hormone
- AMHR2 Anti-Mullerian hormone receptor, type II
- BAMBI BMP and activin membrane-bound inhibitor homolog (Xenopus laevis)
- BIRC4 Baculoviral IAP repeat-containing 4
- BMP1 Bone morphogenetic protein 1
- BMP10 Bone morphogenetic protein 10
- BMP15 Bone morphogenetic protein 15
- BMP2 Bone morphogenetic protein 2
- BMP3 Bone morphogenetic protein 3
- BMP4 Bone morphogenetic protein 4
- BMP5 Bone morphogenetic protein 5
- BMP6 Bone morphogenetic protein 6
- BMP7 Bone morphogenetic protein 7
- BMP8A Bone morphogenetic protein 8A
- BMP8B Bone morphogenetic protein 8B
- BMPER BMP binding endothelial regulator
- BMPR1A Bone morphogenetic protein receptor, type IA
- BMPR1B Bone morphogenetic protein receptor, type IB
- BMPR2 Bone morphogenetic protein receptor, type II (serine/threonine kinase)
- CDKN1B Cyclin-dependent kinase inhibitor 1B
- CHRD Chordin
- DLX2 Distal-less homeobox 2
- EGR1 Early growth response 1
- FOXH1 Forkhead box H1
- FST Follistatin
- GATA1 GATA binding protein 1
- GATA2 GATA binding protein 2
- GATA3 GATA binding protein 3
- GATA4 GATA binding protein 4
- GATA5 GATA binding protein 5
- GATA6 GATA binding protein 6
- GDF10 Growth differentiation factor 10
- GDF11 Growth differentiation factor 11
- GDF15 Growth differentiation factor 15
- GDF2 Growth differentiation factor 2
- GDF3 Growth differentiation factor 3
- GDF5 Growth differentiation factor 5
- GDF7 Growth differentiation factor 7
- GDF9 Growth differentiation factor 9
- HEY1 Hairy/enhancer-of-split related with YRPW motif 1
- HIPK2 Homeodomain interacting protein kinase 2
- HOXC8 homeobox C8
- INHA Inhibin, alpha
- INHBA Inhibin, beta A (activin A, activin AB alpha polypeptide)
- INHBB Inhibin, beta B (activin AB beta polypeptide)
- INHBC Inhibin, beta C
- INHBE Inhibin, beta E
- KLF10 Kruppel-like factor 10
- LEFTY1 Left-right determination factor 1
- LEFTY2 Left-right determination factor 2
- LOX Lysyl oxidase
- LTBP1 Latent transforming growth factor beta binding protein 1
- LTBP2 Latent transforming growth factor beta binding protein 2
- LTBP4 Latent transforming growth factor beta binding protein 4
- MAP3K7 Mitogen-activated protein kinase kinase kinase 7
- NFKBIA Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
- NODAL Nodal homolog (mouse)



- NOG Noggin
- OAZ1 Ornithine decarboxylase antizyme 1
- SIP1 survival of motor neuron protein interacting protein 1
- SKI V-ski sarcoma viral oncogene homolog (avian)
- SMAD1 SMAD family member 1
- SMAD2 SMAD family member 2
- SMAD3 SMAD family member 3
- SMAD4 SMAD family member 4
- SMAD5 SMAD family member 5
- SMAD6 SMAD family member 6
- SMAD7 SMAD family member 7
- SMAD9 SMAD family member 9
- SMURF1 SMAD specific E3 ubiquitin protein ligase 1
- SMURF2 SMAD specific E3 ubiquitin protein ligase 2
- SPHK1 Sphingosine kinase 1
- SPP1 Secreted phosphoprotein 1 (osteopontin, bone sialoprotein I, early T-lymphocyte activation 1)
- TGFA Transforming growth factor, alpha
- TGFB1 Transforming growth factor, beta 1
- TGFB2 Transforming growth factor, beta 2
- TGFB3 Transforming growth factor, beta 3
- TGFBR1 Transforming growth factor, beta receptor 1
- TGFBR2 Transforming growth factor, beta receptor 2
- TGFBR3-3 Transforming growth factor, beta receptor 3
- TGFBRAP1 Transforming growth factor, beta receptor associated protein 1
- TOB1 Transducer of ERBB2, 1
- 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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