

Product datasheet for **SC214295**

BMP6 (NM_001718) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BMP6 (NM_001718) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BMP6
Synonyms:	VGR; VGR1
ACCN:	NM_001718
Insert Size:	1415 bp



[View online »](#)

Insert Sequence: >SC214295 3'UTR clone of NM_001718
 The sequence shown below is from the reference sequence of NM_001718. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATGGTTGTAAGAGCTTGTGGATGCCACTAACTCGAAACCAGATGCTGGGGACACACATTCTGCCTTGG
TTCTAGATTACATCTGCCTTAAAAAACACGGAAGCACAGTTGGAGGTGGGACGATGAGACTTTGAAA
CTATCTCATGCCAGTGCCTTATTACCCAGGAAGATTTAAAGGACCTCATTAAATAATTTGCTCACTTGG
TAAATGACGTGAGTAGTTGTTGGTCTGTAGCAAGCTGAGTTTGGATGTCTGTAGCATAAGGTCTGGTAA
CTGCAGAAACATAACCGTGAAGCTCTTCTACCCTCTCCCCAAAAACCCACCAAAATTAGTTTAGC
TGTAGATCAAGCTATTTGGGGTGTGTTAGTAAATAGGAAAAAATCTCAAAGGAGTTAAATGTATT
CTTGGCTAAAGGATCAGCTGGTTCAGTACTGTCTATCAAAGGTAGATTTACAGAGAACAGAAATCGGG
GAAGTGGGGGAACGCCCTGTTCAGTTTCCAGAAAGTCCACAGGACGCACAGCCAGGCCACAGC
CAGGGCTCCACGGGGCGCCCTTGTCTCAGTCAATTGCTGTTGTATGTTCTGCTGGAGTTTGTGGTGT
GAAAATACACTTATTTACGCCAAAAACATACCATTCTACACCTCAATCCTCCATTTGCTGTACTCTTTG
CTAGTACCAAAAGTAGACTGATTACACTGAGGTGAGGCTACAAGGGGTGTGTAACCGTGTAAACAGTGA
AGGCAATGCTCACCTCTTCTTTACCAGAACGGTCTTTGACCAGCACATTAACCTTCTGGACTGCCGGCT
CTAGTACCTTTTTCAGTAAAGTGGTCTCTGCCTTTTTACTATACAGCATAACCACGCCACAGGGTTAGAA
CCAACGAAGAAAAATAAATGAGGGTGCCAGCTTATAAGAATGGTGTAGGGGGATGAGCATGCTGTTT
ATGAACGGAATCATGATTTCCCTTGTAGAAAGTGAGGCTCAGATTAATTTTAGAATATTTTCTAAAT
TCAACTGTTTGCACCTACAGCTTTTTTTGTAAATATAAACTATAATTTATTGCTATTTTATATCTGT
TTTGTGTAACATTGAAGGAAAGACCAGACTTTTTAAAAAAAAGAGTTTATTTAGAAAGTATCATAGTG
TAAACAAACAAATTGTACCCTTTGATTTTCTTGAATACAAGACTCGTGATGCAAAGCTGAAGTTGTG
TGTACAAGACTCTTGACAGTTGTGCTTCTAGGAGGTTGGGTTTTTTTTAAAAAAGAATTATCTGTGA
ACCATACGTGATTAATAAAGATTTCTTTAAGGCA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001718.6](#)

Summary: This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein regulates a wide range of biological processes including iron homeostasis, fat and bone development, and ovulation. Differential expression of this gene may be associated with progression of breast and prostate cancer. Mutations in this gene may be associated with iron overload in human patients. [provided by RefSeq, Jul 2016]

Locus ID: 654

MW: 54.2