

Product datasheet for **SC218118**

BMP7 (NM_001719) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BMP7 (NM_001719) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BMP7
Synonyms:	OP-1
ACCN:	NM_001719
Insert Size:	2000 bp



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Insert Sequence: >SC218118 3'UTR clone of NM_001719
 The sequence shown below is from the reference sequence of NM_001719. 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
ATGGTGGTCCGGCCTGTGGCTGCCACTAGCTCCTCCGAGAATTCAGACCCCTTTGGGGCCAAGTTTTTC
TGGATCCTCCATTGCTCGCCTTGCCAGGAACCCAGCAGACCAACTGCCTTTTGTGAGACCTTCCCCTCC
CTATCCCCAACTTTAAAGGTGTGAGAGTATTAGGAAACATGAGCAGCATATGGCTTTTGTGATCAGTTTTT
CAGTGGCAGCATCCAATGAACAAGATCCTACAAGCTGTGCAGGCAAAACCTAGCAGGAAAAAAAACAA
CGCATAAAGAAAAATGGCCGGGCCAGGTCATTGGCTGGGAAGTCTCAGCCATGCACGGACTCGTTTTCCA
GAGGTAATTATGAGCGCCTACCAGCCAGGCCACCCAGCCGTGGGAGGAAGGGGGCGTGGCAAGGGGTGG
GCACATTGGTGTCTGTGCGAAAGGAAAAATTGACCCGGAAGTTCCTGTAATAAATGTACAATAAACGA
ATGAATGAAAATGGTTAGGACGTTACAGATATATTTTCCCTAAACAATTTATCCCCATTTCTCGGTTTAT
CCTGATGCGTAAACAGAAGCTGTGTCAAGTGGAGGGCGGGGAGGTCCCTCTCCATTCCCTACAGTTTTTC
ATCCTGAGGCTTGACAGAGGCCAGTGTTTACCGAGGTTTGCCCAATCCAAGATCTAGTGGGAGGGGAA
AGAGCAAATGTCTGCTCCGAGGAGGGCGGTGTGTTGATCTTTGGAGGAAAAATATGTTCTGTTGTTGAG
CTGGATTTGCCGTGGCAGAAATGAAACTAGGTGTGTGAAATACCCGCAGACATTTGGGATTGGCTTTTC
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GAAACCCCATCTCTACTAAAAATACAAAAATTAGCCGGGCATGGTGGCACGCACCTGTAATCCCAGCTA
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GTCTGCAGTGGCATTCCAAGGCTGGGCCCTGGCAAGGGCACCCGTGGCTGTCTTTCATTGCGAGACCC
TGATCAGAAGTCTCTGCAACAAATTTGCTCCTTGAATTAAGGGGGAGATGGCATAATAGGAGGTCTGA
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TCCCGATTTGAGGTGGCATTCTGACGTGGCTCTTGGTGAAGCCTGCCTTGCCTTGGCTGGTGGAGTC
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GGGACTGTTTTCTCATCTTGACTCAGACAGTTCCTGAAAACACCGGGGCTCTGTTTTTATTTTCTTTGA
TGTTTTTCTTCTTAGTAGCTTGGGCTGCAGCCTCCACTCTCTAGTCACTGGGGAGGAGTATTTTTTGT
TATGTTTGGTTTCATTTGCTGGCAGAGCTGGGGCTTTTTGTGTGATCCCTCTTGGTGTGAGTTTTCTGA
CCCAACCAGCCTCTGGTTAGCATCATTTGTACATTTAAACCTGTAATAGTTGTTACAAAGCAAAGAG
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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_001719.3](#)

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, which plays a role in bone, kidney and brown adipose tissue development. Additionally, this protein induces ectopic bone formation and may promote fracture healing in human patients. [provided by RefSeq, Jul 2016]

Locus ID: 655

MW: 73.7