

Product datasheet for **SC212935**

BMP2 (NM_001200) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: BMP2 (NM_001200) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: BMP2
Synonyms: BDA2; BMP2A; SSFSC; SSFSC1
ACCN: NM_001200
Insert Size: 1187 bp
Insert Sequence: >SC212935 3'UTR clone of NM_001200
The sequence shown below is from the reference sequence of NM_001200. 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
ATGGTTGTGGAGGGTTGTGGGTGTCGCTAGTACAGCAAAATTAATACATAAATATATATATATATA
TATTTTAGAAAAAAGAAAAACAACAAACAAAAAACCCACCCAGTTGACACTTTAATATTTCCC
AATGAAGACTTTTATTTATGGAATGGAATGAAAAAACAAGCTATTTTGAAAATATATTTATATCTAC
GAAAAGAAGTTGGGAAAAAATAATTTTAAATCAGAGAATTATTCCTTAAAGATTTAAATGTATTTAGT
TGTACATTTTATATGGGTTCAACCCAGCACATGAAGTATAATGGTCAGATTTATTTGTATTTATTTA
CTATTATAACCACTTTTTAGGAAAAAATAGCTAATTTGTATTTATATGTAATCAAAAGAAGTATCGGG
TTTGTACATAATTTTCAAAAATGTAGTTGTTTTTCAGTTGTGTATTTAAGATGAAAAGTCTACATG
GAAGGTTACTCTGGCAAAGTGCTTAGCACGTTTGCTTTTTGCAGTGCTACTGTTGAGTTCACAAGTTC
AAGTCCAGAAAAAAGTGGATAATCCACTCTGCTGACTTTCAAGATTATTATATTCAATTCTCA
GGAATGTTGCAGAGTGATTGTCCAATCCATGAGAATTTACATCCTTATTAGGTGGAATATTTGGATAAG
AACCAGACATTGCTGATCTATTATAGAACTCTCCTCCTGCCCTTAATTTACAGAAAGAATAAAGCAG
GATCCATAGAAATAATTAGGAAAACGATGAACCTGCAGGAAAGTGAATGATGGTTTGTGTTCTCTTT
CCTAAATTAGTGATCCCTTCAAAGGGGCTGATCTGGCCAAAGTATTCAATAAAACGTAAGATTTCTTCA
TTATTGATATTGTGGTCATATATTTAAAATTGATATCTCGTGGCCCTCATCAAGGGTTGGAAATTTA
TTTGTGTTTTACCTTTACCTCATCTGAGAGCTTTTATTCTCAAAGAACCCAGTTTTCTAACTTTTTG
CCCAACACGCAGCAAAATATGCACATCGTGTCTGCCCCACCTCTGTCTCTGACCTATCAGCTTG
CTTTCTTTCCAAGTTGTGTGTTTGAACACATTTCTCCAATGTTAAACCTATTTTCAGATAATAAATA
TCAAATCTTGCA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_001200.4
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 and cartilage development. Duplication of a regulatory region downstream of this gene causes a form of brachydactyly characterized by a malformed index finger and second toe in human patients. [provided by RefSeq, Jul 2016]
Locus ID:	650
MW:	47.3