

Product datasheet for **SC204085**

BMP4 (NM_001202) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: BMP4 (NM_001202) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: BMP4
Synonyms: BMP2B; BMP2B1; MCOPS6; OFC11; ZYME
ACCN: NM_001202
Insert Size: 326 bp
Insert Sequence: >SC204085 3'UTR clone of NM_001202
The sequence shown below is from the reference sequence of NM_001202. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATGGTAGTAGAGGGATGTGGGTGCCGCTGAGATCAGGCAGTCCTTGAGGATAGACAGATATACACACCA
CACACACACACCACATACACCACACACACACGTTCCCATCCACTCACCCACACACTACACAGACTGCTT
CCTTATAGCTGGACTTTTATTTAAAAAAAAAAAAAAAAAAGGAAAAATCCCTAAACATTACCTTGAC
CTTATTTATGACTTTACGTGCAATGTTTTGACCATATTGATCATATATTTTGACAAAATATATTTATA
ACTACGTATTAAGAAAAAATAAAAATGAGTCATTATTTAAAGGTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_001202.6](#)



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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 heart development and adipogenesis. Mutations in this gene are associated with orofacial cleft and microphthalmia in human patients. The encoded protein may also be involved in the pathology of multiple cardiovascular diseases and human cancers. [provided by RefSeq, Jul 2016]

Locus ID: 652

MW: 12.9