

## Product datasheet for **SC201067**

### **BMP5 (NM\_021073) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	BMP5 (NM_021073) Human 3' UTR Clone
Symbol:	BMP5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_021073
Insert Size:	1910 bp



[View online »](#)

**Insert Sequence:** >SC201067 3'UTR clone of NM\_021073  
 The sequence shown below is from the reference sequence of NM\_021073. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATGGTAGTAGCTCATGTGGCTGCCACTAATATTTAAATAATATTGATAATAACAAAAAGATCTGTATTA
AGGTTTATGGCTGCAATAAAAAGCATACTTTTCAGACAAACGGGAATTTCTAAAATTAGCTGGCTCA
TTTTGACTCTTTTCTATGTACAATATCATGTATATAGTCATTTTTATTTATTTAAACGTATATATTCT
CTTCTGTGGAGGCTTTATCAATAAAATCTATTTTCATAGGCCACTACATTATACAATAGATCATCTAGTA
TAATTTTCAATGGGTTATGCTGAGTCCATTCAATTCCATTTCAACATTTTTTTCTAATACAATTTTACA
TAATTTTCTGAGATTAGACAGAACTCCTTTGACTGTTAATATTGTGGAAGGAAATTGAATAATTTAGT
TATATTGTCCAATGAAAACCATGATAGAATATTTATTTAGAAAATAAGACTTAAAAAATAACAACCCA
AACAAAAATTCTTGATAAACACAATTTCTCTTTTAGAGTTCCTGCTTCATTAGATAAAGTGAAATGTT
GAACTGGATTTGAATAAAATAAACGGTAGGCAGAACATAGAAGCTGAAAGATTGCACAGAATTGTTTTAA
CTGTTTGCTTTAACAGAAGTGGTGAACGTGAGGAGCATGTTCTTTTTGGCTTGTGGATTGTAGATTT
TGCAAAGAGCTCAAAGCTTCAGGAGACAGGCTTGAGCCTGTGCCATAGCTTTCCAAGTTAACTAAT
TGTAGTACAACCTTCTTACCTCAAATAAATCATGTCTGCCTATTATCTAGAACACTACTGCTGCAGAAAT
TTTTTTTTCAGATTTAAAAACCTAGTCCAAAATAAAGAAACATTTACATGTGCTCCACTTTCTCCCCA
CAGGCAAGAGTCACTGCATGCGTAAAATGTACAAGAGCAGAAGATGCCGAAAGAACCATTTCTTTAGC
TCTCCTTTATAACTGAGTTTGCTGATTGATGTGATGCAAGGGATTTTATTTAGAAGTAAAAGCACTGAA
ACTAAACTGGAGGAAATTACAAAAGTCCAGAATGGCTTTGACAGAATTGCCATTTCTAAGAACAGC
TGAAATTCATTTTTCATATCTTTGAGAGTGAGCTCAATGAAAACCTTATTTTGTAAAGGCATTTTGTAA
ACCTTCTTCCAAGCACAATAATTCCAACAGGAAGTCTGTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG
TGTGTGCATGTGTCTTCCCTCTAAAATTAATTTATTTTCTCTATCTATTAGAATGCCCTCTAAGGC
CTTTCTTAAACACACTGACTTTTTGAAGAATGATCTTTAGATTGATAACTTGTATTTATGGTGACT
CTGTGGTTAGGCTTATTTACCGTTAATCTAAAGTATTCATAAAGCACCATTTATTAATCATCCTTTTGG
ATCTTTCAAACCAAACGTATACCAAAAATGTCTTCAAAAATGTTATGGCTTTGTTTGTAAATTCGGGTAT
ATTAATAATGTTGTTTGAATAACAGTTTATCTTAAAGAAAATTTGACAGTAACTATTAAGGGGTACA
TTAAGTAATATATTTTAAATTAATGGTGTACCATTGAGAGAATAAGAAAATGGAAGTCTATTGTTTTATT
CTTTAAATGTGCTGTTTAAATATATTTCCATATTTTAAATATATTTAAACAGATGCTAATTTCTGCTGT
TCTTGATTTGGTTCTTTATTTAAAGGAATACAAAATGTAAGTATATCATAAATTGAGACAATAAGAAAT
ATTTATCAAATGTAACCTGTTTGTGGATCACATGATTCTTTATGTTGTTCTTAATTGCCAAAATGTTT
TTTGTGTTGTTAATAATTATCTCACTATTAATGTGCAAAGCAACAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
```

**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\\_021073.4](#)

**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. Polymorphisms in this gene may be associated with osteoarthritis in human patients. This gene is differentially regulated in multiple human cancers. This gene encodes distinct protein isoforms that may be similarly proteolytically processed. [provided by RefSeq, Jul 2016]

**Locus ID:**

653

**MW:**

74.2