

Product datasheet for **RN216650**

Bmp7 (NM_001191856) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Bmp7 (NM_001191856) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Bmp7
 Synonyms: BMP-7
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN216650 representing NM_001191856
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACGTGCGCTCGCTGCGCGCTGCGGCGCCACACAGCTTCGTGGCGCTCTGGGCGCCTCTGTTCTTGC
 TGCCTCTGCCTTGGCCGACTTCAGCCTGGACAACGAGGTGCACTCCAGTTTCATCCACCGCGCCTCCG
 CAGTCAGGAGCGGCGGGAGATGCAGCGGAAATCCTGTCCATCTTGGGCTTGCCCATCGTCCGCGCCCG
 CACCTCCAGGGAAAACATAATTCGCGGCCATGTTTCATGTTGGACCTGTACAACGCCATGGCGGTGGAGG
 AGAGTGGCGCCGGACGGACAGGGTTCTCCTACCCCTACAAGGCCGTCTTCACTACCCAGGGTCCCCCTTT
 GGCCAGCCTGCAGGACAGCCACTTCTCACCAGCGCCGACATGGTCATGAGCTTCGTCAACCTAGTGGAG
 CACGACAAGGAATTTCCACCCCTCGATACCACCATCGAGAGTTCGGTTTGGATCTTTCCAAGATCCCCG
 AGGGAGAGGCGGTGACCGCAGCCGAGTTCAGGATCTATAAGGACTACATCCGGGAGCGGTTTGACAACGA
 GACCTTCAGATCACAGTCTATCAGGTGCTCCAGGAGCACTCAGGAGGGAGTCCGACCTTCTTGTGCTG
 GACAGCCGTACCATCTGGGCTTCTGAGGAGGGCTGGTTGGTATTTGACATCACAGCCACCAGCAACCCT
 GGTTGGTCAACCCTCGGCACAACCTGGGCTTACAGCTCTCCGTGGAGACCCTGGATGGGAGAGCATCAA
 CCCCAGTTGGCAGGCCGATTGGACGGCATGGACCCAGAACAAGCAACCCTTCATGGTGGCCTTCTTC
 AAGGCCACGGAGTTTCATCTCCGTAGCATCCGGTCCACGGGGGGCAAACAACGCAGCCAGAACCGCTCCA
 AGACTCCAAGAACAAGAGGCACTGAGGATGGCCAGTGTGGCAGAAAACAGCAGCAGTACCAGAGGCA
 GGCTGCAAGAAACAGAGCTGTATGTTAGCTTCCGAGACCTTGGCTGGCAGGACTGGATCATCGCACCT
 GAAGGCTATGCTGCCTACTACTGTGAGGGAGAGTGTGCCTTCCCTCTGAACCTCTACATGAACGCCACCA
 ACCATGCTATCGTCCAGACACTGGTTCACCTTCATCAACCAGACACCGTACCCAAGCCCTGCTGTGCCCC
 CACCCAGCTCAACGCGATATCTGTCTACTTTCGACGACAGCTCCAACGTCATCTGAAGAAGTACAGA
 AACATGGTGGTCCGGCCTGTGGCTGCCACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001191856
Insert Size:	1293 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001191856.2, NP_001178785.1</u>
RefSeq Size:	2448 bp
RefSeq ORF:	1293 bp
Locus ID:	85272
Cytogenetics:	3q42
Gene Summary:	binds to cell surface heparan sulfate [RGD, Feb 2006]