

Product datasheet for **RN208505**

Bmp5 (NM_001108168) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bmp5 (NM_001108168) Rat Untagged Clone
Tag: Tag Free
Symbol: Bmp5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208505 representing NM_001108168
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCATTGGACTGTATTTTTACTTAGGGTATTGTGGCTTCCTCTGGAGCAGCTGGGTTCAAGTGGTT
ATGCCAAAGGAGGCTTGGGAGACAATCATGTTCACTCCAGTTTTATTTATAGAAGACTACGGAACACGA
AAGACGGGAAATACAGAGGGAAATCTCTATTCTGGGTTGCCTCACAGACCCAGGCCCTTTTACC
GGGAAGCAAGCATCTTCTGCACCCCTCTTATGCTGGATCTGTACAACGCCATGGCCAGCGAAGAAAACC
CTGAGGAGTCAGAATATTTAGTGAGGGTATCCCTGGCTGGAGAGGCTAAAGAGACAAGAAAGGGATACCC
AGCCTCTCCCAATGGGTATGCACATCGTCTGCACTTACCTCCAAGGATTCCTCTGACTACCCAGAGCCCA
CCTCTTGCCAGTCTACACGATACCAATTTCTGAATGATGCTGACATGGTCATGAGTTTTGTCAACCTAG
TTGAAAGAGACAAAGACTTTTCTCATCAGAGAAGGCATTACAAAGAATTCGGTTTGATCTGACCCAAAT
TCCACATGGAGAAGCAGTGACGGCAGCTGAATCCGGATTTATAAGGACAAAAGCAACCATCGGTTTGAA
AATGAAACAATTAAGATTAGCATATATCAGATCATCAAGGAATACACAAATAGGGACGCAGATCTTTTT
TGCTAGATACAAGGAAGGCACAAGCTTTAGATGTGGGTTGGCTTGTCTTTGATATCACCGTGACCAGCAA
TCATTGGGTGATTAATCCACAGAACAATTTGGGCTTACAGCTCTGCGCAGAGACGGGGATGGACGCAGC
ATCAATGTAAAATCTGCCGGTCTCGTGGGAAGACACGGGCCTCAGTCAAAGCAGCCGTTTCATGGTGGCT
TCTTCAAGGCAAGTGAGGTTCTTCTTCGATCTGTGAGAGCAGCCAGCAAACGGAAAAACCAACCGCAA
TAAATCCAGCTCTCATCAGGACCCCTCCAGGATCCCAGTGCTGGAGATTATAATACCAAGTGAACAGAAA
CAAGCTTGCAAGAAGCAGGCTCTATGTGAGTTCCGCGATCTGGGATGGCAGGACTGGATCATAGCAC
CAGAAGGATAGCCGCATTTTATGCGATGGAGAATGTTCTTTTCCACTTAACGCCACATGAATGCCAC
TAACCATGCCATAGTCCAGACTTGGTACACCTGATGTTTCTGACCATGTTCCCAAGCCCTGTTGTGCT
CCAACCAACTAAATGCCATCTCGGTCTGTACTTTGATGACAGCTCCAATGTAATTTTGAAAAAGTACA
GAAATATGGTAGTCCGTTTCATGTGGCTGCCACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108168
Insert Size:	1365 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).
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_001108168.1, NP_001101638.1</u>
RefSeq Size:	3708 bp
RefSeq ORF:	1365 bp
Locus ID:	315824
Cytogenetics:	8q24