

## Product datasheet for RN213217

### Bmp15 (NM\_021670) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Bmp15 (NM\_021670) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Bmp15  
 Synonyms: Gdf-9b  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN213217 representing NM\_021670  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGC**C

ATGGCCCTTCTCACAATTCTTAGAATTCTTTGTGGGAATGGTGCTTTTATGGAACACAAGTCCAAA  
 TGGCAAAGGTAGAGTGGCCCTCCACTACCTCCTTGTGAAAACCTACATTGCCCTCGAGTTTGGATCT  
 GGCCAAAGAAGCCCTGGCAAGGAGATGAAGCAGTGGCCCAAGGATATCCCCTGAGGTACATGCTGAAG  
 TTATACCAGCGTTCGGCTGACCCACATGGGCACCCGAGGGAGAACCACGACGATTGGAGCTAAAATGGTGA  
 GGCTGATAAAGCCGTCAGCCAGTGAATGAGGCTTCTCAGAGGTCCCTGGCATATACAGACCCCTGGACTT  
 TCCTCTAGCATCAAACGAGGTAGCATACCAACTAATCAGAGCCACTGTGGTCTACCGCCATCAACTTCAT  
 CTAGTTCATTACCATCTCTCCTGCCATGTGGAACCTTGGGTCCCTAAATGTGCAACCAAGCACTTCCAT  
 CTAATCGGGTCTGCAAAGCCTTCTTCTGTGTCTAAAGCCTGGAGAGAGATGAATATTACCACTGTAT  
 TCAGCAGAAGCTCTGGAATCGCAAGGGACGGAGAGTCCCTCGCCTCCGCTTCATGTGTGAGCAGCAAAAA  
 GGCAATGAGACTCTTGAGCTCCGGTGGCATGGCATGACCTCCTGGATGTTGCCCTTCTGCTACTCTATT  
 TCGATGCACTGATGAGAGTCTCAGGCTAAACTTCTTGCAAGAGGTCAAGAGGAGTTAACTGATAGGGA  
 ATCTCCTTTCTTATGCGGAGTGTCCGGCAAACATGCAGCATAGCATCTGATGTCCCTTGTCCCTTCTCAG  
 GAACAGGATAGGTCTGTAATAACCAAGTGTCCCTCCATCCTTACAAGGTGAGTCCATCAATTGGGCT  
 GGGATCACTGGATCATTGCTCCCGTCTCTATACCCCAAATTAAGTAAAGGAATCTGTAAGTGGAGTATT  
 ACCCTATGGTCTAAATCACCCAACCATGCCATCATAACAGAGCCTTGTCAATGAACTAGTGAATCGCAGT  
 GTGCCCTCAGCTTCTGTGTCCCTTATAAGTTTCTTCTATGAGTATCCTTCTGATTGAGGCAAATGGGA  
 GTATCTTGTACAAGGAGTATGAGGGTATGATTGCTCAGTCTGCACATGTAGATA**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_021670
<b>Insert Size:</b>	1176 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_021670.1, NP_067702.1</u>
<b>RefSeq Size:</b>	1441 bp
<b>RefSeq ORF:</b>	1176 bp
<b>Locus ID:</b>	59302
<b>Cytogenetics:</b>	Xq12
<b>Gene Summary:</b>	may regulate granulosa cell growth and ovarian follicle formation [RGD, Feb 2006]