

## Product datasheet for **MC201907**

### **Bmper (NM\_028472) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bmper (NM_028472) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bmper
Synonyms:	3110056H04Rik; Cri; Crim3; Cv; CV-; CV-2; Cv2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC066153 sequence for NM\_028472  
 CGAGCAGCGGCTGCCGAGCAGAGGCGGCGACGCGGGACCTGCAGTCGCCCGGATTCCCTCCAGGTGACG  
 ATGCTCTGGTTCTTCAGCGTCAGGGCTCTGGCTGAGCGTCCTTGCCGACGCTCGCCTGGGATTACCTGCT  
 GCGTCTTGCTGCTGCTCAATTGCTCCGGGGTCCCATGTCTCTGGCTTCTCCTTCTGACAGGGTCTGT  
 TGCAAAATGTGAAAATGAAGGGGAGGTCTCCAATTCATTTATCACAGACAACCCTTGCAATAATGTGT  
 GTGTGTTTTGAACAAAGAGGTGACTTGTAAAGAGGAGAAGTGCCCTGTGCTGTACGGGACTGTGCGCTGG  
 CCATCAAGCAGAGAGGCCCTGCTGTGAACGATGCAAAGGTTGTACCCATGAAGGAAGAACCTACAACAG  
 TTCTTCAAGTGGCAAACCCCGGCTGAGCCATGTGTCCTTCGGCAGTGCCAGGAGGGTGTGGTGACAGAG  
 TCTGAGGTGCGCTGTGTTGTTTATTGTAAAAAACCCGAGAGCATCAAGGAGCCTGCTGCCCTACCTGCC  
 CAGGCTGTGTGTTGAAGGTGTGCAATACCGGGAAGGAGAAGAATTTAGCCAGAAGGAAACAAATGTAT  
 TACATGCTCCTGCGTTGGAGGCAGGACACAGTGCCTGAGAGAAGTCTGTCCATTCTCTTGTCCCCAG  
 CACCTTAGTCACACACCCTCAGGACAGTGTGCCCAAATGTTTGGGTGAGAGAAAAGTATTGACCTTC  
 CCTTTGGGAGTGCCTGTTTCGAGTGATGTTTATGACAAATGGAGCCTCATTGTCTATGATAACTGCAC  
 AGTATGCACTTGAAGGACTCAACAATGGTTTGAAGAAGAAGTGTCCACCCTGGTGTCTGTAACAGT  
 GATGAGGATGCCTGTTGTGAAGACTGTCTTACGGGTGCCCCGTAAGACATCAAAGTGTGCAAGTTTCG  
 GTAGCAAGATTTTCAGGGATGGAGAGATGTGGTCTCAGTCAACTGCAGCATCTGTGCTTGTGTGAAGGG  
 GAAGACAGAGTGTGAAAGAAGCAGTGTGTTTCTGTGAGCAGTGCACACAGGGTAAAATTTCTCAACAGG  
 AAAGGATGCTGTCTATCTGCACTGAAAAACCTGGTGTGTGCACAGTATTCGGAGATCCCCACTACAACA  
 CTTTTGATGGGCGGACATTTAACTTTACGGGGACGTGTGAGTATGTTTTGACAAAAGACTGCTCCTCCCC  
 AGCCTCACCTTCCAGGTGCTGGTGAAGAAATGATGCACGGAGGACCCGTTCTTCTCCTGGACCAAGTCT  
 GTGGAGCTGATGCTGGGCGAAAGCACAGTACGCTGCAGCAGCACCTCACTGTGCGCTGGAATGGCTCTC  
 GCATTGCCCTTCCCTGCCACACACCCCACTTCCACATCGACCTGGACGGTACCTTTTAAAAGTGACTAC  
 CAGAGCAGGTTTTGGAGATATCGTGGGATGGAGACAGTTTTGTGGAGGTGATGGCTGCCCTCATCTCAAG  
 GGCAAGCTCTGTGGTCTTTGTGGCAACTACAATGGTCATAAACGTGATGACTTGATTGGTGGAGATGGGA  
 ACTTCAAGTTTTGACGTGGATGACTTTGCTGAATCGTGGAGGGTGAATCCAACGAATTTGCAACCGACC  
 ACAGAGAAAACAGTACCTGAGCTCTGTCAAGGCACAGTGAAGGTGAAGCTTCGAGCCCATCGAGAATGC  
 CAGAACTCAAGTCTGGGAGTTCAGACCTGCCACTCTACAGTGGACTATACCACTTTCTACCGTCTCT  
 GTGTAACAGACATGTGTGAATGTCCAGTCCATAAAAACTGTTACTGTGAGTCATTTCTGGCGTATACCCG  
 TGCCTGTGAGAGAGGGAATCAAAGTGCAGTGGGAACTCAGCAGAGCTGTGCAGCCACCCAGTGCAAA  
 CATGGTGTGTATGATACCTGTGCCAGGATGTGTGAAGACATGTGATAACTGGAATGAGATCGGCC  
 CATGCAATAAGCCCTGCATTGCAGGTTGCCACTGCCAGCAAATCTGGTCTTCAAGGGAAGGTGCAT  
 CAAGCCAGTCTCTGTCCCTCAGCGATGACCTTTGTTCTAGTCCATAGACTTTGAAATCCAGTGTCTTTGA  
 CACTGACATGCAAGAGCCAGTGAAGGACTGTTGTATTTGTGTGCCTGATTCTGCAAAATACACAGAGTATA  
 TATGTGTACATATATATAGATATATAGATATATTCGAAACATTTTCATCATTATATAAACTATAGGTGGA  
 TTATTATATGATATTTTTGCTATAAGACATGATTTTCTAGAAATCCTAATATCTAAGCCATTGGAT  
 GCATCATATACATAGGTGCTTTAATTTAATAAGATGGCATGCAGACTCATCAGGTCTCTTAAGAGTGC  
 GTTCATGTGTCATTCTGGGGACATTTCTAAGAGCCCTCATGCCTACCTGCATTAATTAAGATTTGAGT  
 CAGGACCTTTGAGTGAGATTTCTTGGAGAAGGGTACTTTATCTGGGGTATTTTGTATTTCAAAGACT  
 GGAATGTATGCCAGAGAAAAGATGGCATGAGATTGGGGATGAGCCCTCGTGTGCAAAACCAAGGAGAGTC  
 TGTGAGATTTACCGGGTCAGAGCTGGATATTGTCCCCAAACTGGATAGTTGCCACGGAATATGATTT  
 TCACTAGCATATTGCCAAATAATTTCTTTTCATTTTTTGCATATGTCATGAGTCTCCTCATTACTTATG  
 TGTGCAATGGATATGACCATTTGCATGTCTGCACTGAAGTCAAAGGATGTCTGGATAACATTTTATTAA  
 ACACGAAAAGCTATTTGGAGAGAACATTGCACAACATATAAAGAATCTCAGAGCAATTTAGGATTGGCAA  
 ATCCATTGAGTGGCTAGGGGCCATCTACGTTTTGCACTATCTCATGGTGTATAAAATGAAAGCCTTCGG  
 CTATTCTGTCTCATTACTGTCCAGTGTGTTTGTGGTACTCATATGTTATGGGTATTGGGCAGGAGGG  
 AAGGGACTGCTGACCAGTTGTTTGTAGCTTCAATTCAAAAGAGAATTGTTTCTGTATTTGTTCTAATTTAC  
 TGATGTTACTAACAGTTATTGGTTCTGTTTCTGTTGGATAAAATAAAATGTCAAAAAGCAAAAACAAA  
 AAACCCCAACCCCAACTCACTGATGTTGAAAAGTAAAATGTTCTGCATTGTAGTAAATAAAAGGCTTAAG  
 ATTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

<b>ACCN:</b>	NM_028472
<b>Insert Size:</b>	2058 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>	<a href="#">BC066153</a> , <a href="#">AAH66153</a>
<b>RefSeq Size:</b>	3319 bp
<b>RefSeq ORF:</b>	2058 bp
<b>Locus ID:</b>	73230
<b>UniProt ID:</b>	<a href="#">Q8CJ69</a>
<b>Cytogenetics:</b>	9 A3
<b>Gene Summary:</b>	This gene encodes a secreted protein that contains five Von Willebrand factor type C domains and a Von Willebrand factor type D domain and a trypsin inhibitory-like domain. The encoded protein binds to bone morphogenetic proteins (BMP) and regulates their activity. Mutation of the related gene in humans causes diaphanospondylodysostosis. [provided by RefSeq, Mar 2013]