

## Product datasheet for **MR210035**

### **Bmper (NM\_028472) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bmper (NM_028472) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bmper
Synonyms:	3110056H04Rik; Cri; Crim3; Cv; CV-; CV-2; Cv2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>MR210035 representing NM\_028472  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

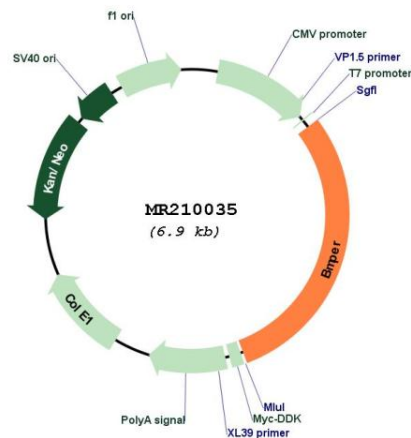
ATGCTCTGGTTCTTCAGCGTCAGGGCTCTGGCTGAGCGTCCTTGCCGACGCTCGCCTGGGATTACCTGCT  
GGTCTTGCTGCTGCTCAATTGCTCCGGGTCCCATGTCTCTGGCTTCTCCTTCTGACAGGGTCTGT  
TGCAAAATGTGAAAATGAAGGGGAGGTCCTCAAATTCATTTATCACAGACAACCCCTGCATAATGTGT  
GTGTGTTTGAACAAAGAGGTGACTTGTAAAGAGGAGAAGTGCCCTGTGCTGTACAGGGACTGTGCCTGG  
CCATCAAGCAGAGAGGCGCCTGCTGTGAACGATGCAAAGGTTGTACCCATGAAGGAAGAACCTACAACAG  
TTCCTTCAAGTGGCAAACCCCGGCTGAGCCATGTGTCTTCGGCAGTGCCAGGAGGGTGTGGTGACAGAG  
TCTGAGGTGCGCTGTGTGTTTATTGTAACAAAACCCGAGAGCATCAAGGAGCCTGCTGCCCTACCTGCC  
CAGGCTGTGTGTTGAAGGTGTGCAATACCGGGAAGGAGAAGAATTTAGCCAGAAGGAAACAAATGTAT  
TACATGCTCCTGCGTTGGAGGCAGGACACAGTGCCTGAGAGAAGTCTGTCCATTCTCTTGTCCCCAG  
CACCTTAGTCACACACCCCTCAGGACAGTGTGCCCAAATGTTTGGGTACAGAAAAGTATTCGACCTTC  
CCTTTGGGAGCTGCCTGTTTCGAGTGATGTTTATGACAATGGAGCCTCATTGTCTATGATAAATGCAC  
AGTATGCACTTGAAGGACTCAACAATGGTTTGTAAAGAAGAGTGTCCACCCCTGGTGTCTGTAACAGT  
GATGAGGATGCCTGTTGTGAAGACTGTCTTACGGGTGCCCCCTGAAGACATCAAAGTGTGCAAGTTTCG  
GTAGCAAGATTTTCAGGGATGGAGAGATGTGGTCTCAGTCAACTGCAGCATCTGTGCTTGTGTGAAGGG  
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AAAGGATGCTGTCTATCTGCACTGAAAAACCTGGTGTGTGCACAGTATTCGGAGATCCCCACTACAACA  
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AGCCTCACCCCTTCCAGGTGCTGGTGAAGAATGATGCACGGAGGACCCGTTCTTCTCCTGGACCAAGTCT  
GTGGAGCTGATGCTGGGCGAAAGCACAGTCAGCCTGCAGCAGCACCTCACTGTGCCTGGAATGGCTCTC  
GCATTGCCCTTCCCTGCCACACACCCCACTTCCACATCGACCTGGACGGCTACCTTTTGAAGTGACTAC  
CAGAGCAGGTTTGGAGATATCGTGGATGGAGACAGTTTTGTGGAGGTGATGGCTGCCCTCATCTCAAG  
GGCAAGCTCTGTGGTCTTTGTGGCAACTACAATGGTCATAAACGTGATGACTTGATTGGTGGAGATGGGA  
ACTTCAAGTTTGACGTGGATGACTTTGCTGAATCGTGGAGGGTGAATCCAACGAATTCTGCAACCGACC  
ACAGAGAAAACCACTACCTGAGCTCTGTCAAGGCACAGTGAAGGTGAAGCTTCGAGCCCATCGAATGC  
CAGAACTCAAGTCTGGGAGTTCAGACCTGCCACTCTACAGTGGACTATACCCTTTCTACCGTCTCT  
GTGTAACAGACATGTGTGAATGTCCAGTCCATAAAAACCTGTTACTGTGAGTCATTTCTGGCGTATACCCG  
TGCTGTGAGAGAGGGGAATCAAAGTGCAGTGGGAACCTCAGCAGAGCTGTGCAGCCACCCAGTGCAAA  
CATGGTGTGTGTATGATACCTGTGCCAGGATGTGTGAAGACATGTGATAACTGGAATGAGATCGGCC  
CATGCAATAAGCCCTGCATTGCAGGTTGCCACTGCCAGCAAATCTGGTCTTATAAGGGAAGGTGCAT  
CAAGCCAGTCTCTGTCTCAGCGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



<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><a href="#">NM_028472.1</a></u> , <u><a href="#">NM_028472.2</a></u> , <u><a href="#">NP_082748.1</a></u>
<b>RefSeq Size:</b>	3793 bp
<b>RefSeq ORF:</b>	2058 bp
<b>Locus ID:</b>	73230
<b>UniProt ID:</b>	<u><a href="#">Q8CJ69</a></u>
<b>Cytogenetics:</b>	9 A3
<b>MW:</b>	76.6 kDa
<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]

### Product images:



Circular map for MR210035