

Product datasheet for **RN209038**

Bmper (NM_001135799) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bmper (NM_001135799) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bmper
Synonyms:	RGD1563373
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209038 representing NM_001135799
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCTGGTTCTCCGGCGTCAGGGCTCTGGCTGAGCGTCCTTGCCGACGCTCGCCTGGGATTACCTGCT
 GGGTCTTGCTGCTGCTCAATTGCTCCGGGGTCCCATGTCTCTGGCTTCCTCCTTCTGACAGGGTCTGT
 TGCAAAATGTGAAAATGAAGGGGAGGTCCTCCAATTCCATTTATCACAGACAACCCCTGCATAATGTGT
 GTGTGCTCGAACAAAGAGGTGACTTGTAAAGAGGAGAAGTGCCCTGTGCTGTCCCGGACTGTGCGCTGG
 CCATTAAGCAGAGGGGCGCTGCTGTGAGCGATGCAAAGGTTGTACTCATGAAGGAAGAACCTACAACAG
 CTCCTTCAAGTGGCAAAGCCAGCTGAGCCTTGTGCCCTAGACAGTGCCAGGAGGGCGTGGTCACAGAG
 TCTGAGGTGCGTTGTGTTGTTTCATTGTAAAAATCCCGCAGAGCATCCAGGAGCCTGCTGCCCTACCTGTC
 CAGGCTGTGTGTTGAAGGTGTGACGTACCGGGAAGGAGAAGAATTTAGCCAGAAGCAAACAAATGTAT
 CAAGTCTCCTGTGTTGGAGGCAGACACAGTGCCTGAGAGAAGTCTGTCCATTCTCTTGTGCCCGAG
 CACCTTAGTCACACACCCCTCAGGACAGTGTGCCCTAAATGTTTGGGCCAGGAAAAGTATTTGACCTTC
 CTTTTGGGAGCTGCCTGTTTCGACGTGATGTTTATGACAATGGAGCCTCATTGTCTATGATAACTGCAC
 AGTATGCACTTGAAGGACTCTACAATGGTTTGTAAAGAAAAATGTTCCACCCGGGTGCTGTAAATACT
 GATGAGGATGCCTGTTGTGAAGAGTGTCTCCTCCGGGTGCCCCCTGAAGATGTCAAAGTATGCAAGTTTCG
 GTAGCAAGATTTTCAGGGATGGAGAGATGTGGTCTCGGTCAACTGCAGCATCTGCGCTTGGCGTGAAGGG
 GAAGACGGAGTGTGAAAGAAGCAGTGTGCCCTGTTAGCAGTGTCCACAGGGTAAAATTTCAACAGA
 AAAGGATGCTGCCCTATTTGACTGAAAAGCCTGGTGTGTGCACAGTATTCGGAGATCCTCACTACAACA
 CTTTTGATGGACGGACATTTAACTTCCAGGGAACGTGTCAATGTTCTGACAAAAGACTGCTCCTCCCC
 TGCTCACCCCTTTCAGGTGCTGGTGAAGAACGATGCCCGGAGGACCCGCTCCTTCTCCTGGACCAATCT
 GTGGAGTTGGTGTGGGTGAGAGCACGGTCAGCCTGCAGCAGCACCTCACGGTGCCTGGAATGGCTCTC
 GCATTGCGCTGCCCTGCCACACGCCCTCACTTCCACATTGACCTGGACGGCTACCTTTTGAAGTACTAC
 CAGGGCAGGTTTGGAGATATCGTGGATGGAGACAGTTTTGTGGAGGTGATGGCTGCCCTCATCTCAAG
 GGCAAGCTCTGTGGTCTTTGTGGCAATACAATGGTCATAAACCGCATGACTTGATTGGTGGAGATGGAA
 ACTTCAAGTTTGTGATGTTGACTTTGCTGAATCATGGAGGGTGAATCCAATGAATTCTGCAACAGACC
 ACAGAGAAAACAGTGCCTGAGCTATGTCAGGGCACAGTGAAGGTGAAGCTTCGAGCCCATCGAGAGTGC
 CAGAACTCAAGTCTGGGAGTCCAGACTGCCACTCAACAGTGGACTATACCCTTTCTACCGGTCTCT
 GTGTAACAGACATGTGCGAATGTCCAGTCCATAAAAAGTCTATTGTGAGTCATTTCTGGCGTACACCCG
 TGCTGCCAGAGAGAGGGCATCAAAGTGCCTGGGAACCTCAGCAGAGCTGTGCAGCTACCCAGTGAAG
 CATGGTGTGTGATGATACCTGCGGCCAGGGTGTGTGAAGACGTGTGACAACTGGAATGAGATTGGCC
 CCTGTAATAAACCGTGCATCGCAGGGTGCCTGCCCAGCAAATCTGGTCTTATAAGGGAAGGTGCAT
 CAAGCCAGTCTCTGTCTCAGCGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001135799

Insert Size: 2058 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_001135799.1, NP_001129271.1</u>
RefSeq Size:	3785 bp
RefSeq ORF:	2058 bp
Locus ID:	300455
Cytogenetics:	8q13