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# Product datasheet for MR210035A1V

## Mouse Bmper (NM_028472) AAV Particle

### Product data:

| | |
|---|---|
| **Product Type:** | AAV Particles |
| **Tag:** | Myc-DDK |
| **Symbol:** | Bmper |
| **Synonyms:** | 3110056H04Rik; Cri; Crim3; Cv; CV-; CV-2; Cv2 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pAAV-AC-Myc-DDK (PS100089) |

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**ORF Nucleotide Sequence:**

>MR210035 representing NM_028472
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTCTGGTTCTTCAGCGTCAGGGCTCTGGCTGAGCGTCCTTGCCGACGCTCGCCTGGGATTACCTGCT
GCGTCTTGCTGCTGCTCAATTGCTCCGGGGTCCCCATGTCTCTGGCTTCCTCCTTCCTGACAGGGTCTGT
TGCAAAATGTGAAAATGAAGGGGAGGTCCTCCAAATTCCATTTATCACAGACAACCCTTGCATAATGTGT
GTGTGTTTGAACAAAGAGGTGACTTGTAAGAGGGAGAAGTGCCCTGTGCTGTCACGGGACTGTGCGCTGG
CCATCAAGCAGAGAGGCGCCTGCTGTGAACGATGCAAAGGTTGTACCCATGAAGGAAGAACCTACAACAG
TTCCTTCAAGTGGCAAACCCCGGCTGAGCCATGTGTCCTTCGGCAGTGCCAGGAGGGTGTGGTGACAGAG
TCTGAGGTGCGCTGTGTTGTTCATTGTAAAAAACCCGCAGAGCATCAAGGAGCCTGCTGCCCTACCTGCC
CAGGCTGTGTGTTTGAAGGTGTGCAATACCGGGAAGGAGAAGAATTTCAGCCAGAAGGAAACAAATGTAT
TACATGCTCCTGCGTTGGAGGCAGGACACAGTGCGTGAGAGAAGTCTGTCCCATTCTCTCTTGTCCCCAG
CACCTTAGTCACACACCCTCAGGACAGTGCTGCCCCAAATGTTTGGGTCAGAGAAAAGTATTCGACCTTC
CCTTTGGGAGCTGCCTGTTTCGCAGTGATGTTTATGACAATGGAGCCTCATTTGTCTATGATAACTGCAC
AGTATGCACTTGCAAGGACTCAACAATGGTTTGTAAGAAGAAGTGCTCCCACCCTGGTGTCTGTAACAGT
GATGAGGATGCCTGTTGTGAAGACTGTCTCTTACGGGTGCCCCCTGAAGACATCAAAGTGTGCAAGTTCG
GTAGCAAGATTTTCAGGGATGGAGAGATGTGGTCCTCAGTCAACTGCAGCATCTGTGCTTGTGTGAAGGG
GAAGACAGAGTGTCGAAAGAAGCAGTGTGTTCCTGTCAGCAGCTGCCCACAGGGTAAAATTCTCAACAGG
AAAGGATGCTGTCCTATCTGCACTGAAAAACCTGGTGTGTGCACAGTATTCGGAGATCCCCACTACAACA
CTTTTGATGGGCGGACATTTAACTTTCAGGGGACGTGTCAGTATGTTTTGACAAAAGACTGCTCCTCCCC
AGCCTCACCCTTCCAGGTGCTGGTGAAGAATGATGCACGGAGGACCCGTTCCTTCTCCTGGACCAAGTCT
GTGGAGCTGATGCTGGGCGAAAGCACAGTCAGCCTGCAGCAGCACCTCACTGTGCGCTGGAATGGCTCTC
GCATTGCCCTTCCCTGCCACACACCCCACTTCCACATCGACCTGGACGGCTACCTTTTGAAAGTGACTAC
CAGAGCAGGTTTGGAGATATCGTGGGATGGAGACAGTTTTGTGGAGGTCATGGCTGCCCCTCATCTCAAG
GGCAAGCTCTGTGGTCTTTGTGGCAACTACAATGGTCATAAACGTGATGACTTGATTGGTGGAGATGGGA
ACTTCAAGTTTGACGTGGATGACTTTGCTGAATCGTGGAGGGTGGAATCCAACGAATTCTGCAACCGACC
ACAGAGAAAACCAGTACCTGAGCTCTGTCAAGGCACAGTGAAGGTGAAGCTTCGAGCCCATCGAGAATGC
CAGAAACTCAAGTCCTGGGAGTTCCAGACCTGCCACTCTACAGTGGACTATACCACTTTCTACCGGTCCT
GTGTAACAGACATGTGTGAATGTCCAGTCCATAAAAACTGTTACTGTGAGTCATTTCTGGCGTATACCCG
TGCCTGTCAGAGAGAGGGAATCAAAGTGCACTGGGAACCTCAGCAGAGCTGTGCAGCCACCCAGTGCAAA
CATGGTGCTGTGTATGATACCTGTGGCCCAGGATGTGTGAAGACATGTGATAACTGGAATGAGATCGGCC
CATGCAATAAGCCCTGCATTGCAGGTTGCCACTGCCCAGCAAATCTGGTCCTTCATAAGGGAAGGTGCAT
CAAGCCAGTCCTCTGTCCTCAGCGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR210035 representing NM_028472
Red=Cloning site Green=Tags(s)

MLWFFSVRALAERPCRRSPGITCCVLLLLNCSGVPMSLASSFLTGSVAKCENEGEVLQIPFITDNPCIMC
VCLNKEVTCKREKCPVLSRDCALAIKQRGACCERCKGCTHEGRTYNSSFKWQTPAEPCVLRQCQEGVVTE
SEVRCVVHCKKPAEHQGACCPTCPGCVFEGVQYREGEEFQPEGNKCITCSCVGGRTQCVREVCPILSCPQ
HLSHTPSGQCCPKCLGQRKVFDLPFGSCLFRSDVYDNGASFVYDNCTVCTCKDSTMVCKKKCSHPGVCNS
DEDACCEDCLLRVPPEDIKVCKFGSKIFRDGEMWSSVNCSICACVKGKTECRKKQCVPVSSCPQGKILNR
KGCCPICTEKPGVCTVFGDPHYNTFDGRTFNFQGTCQYVLTKDCSSPASPFQVLVKNDARRTRSFSWTKS
VELMLGESTVSLQQHLTVRWNGSRIALPCHTPHFHIDLDGYLLKVTTRAGLEISWDGDSFVEVMAAPHLK
GKLCGLCGNYNGHKRDDLIGGDGNFKFDVDDFAESWRVESNEFCNRPQRKPVPELCQGTVKVKLRAHREC
QKLKSWEFQTCHSTVDYTTFYRSCVTDMCECPVHKNCYCESFLAYTRACQREGIKVHWEPQQSCAATQCK
HGAVYDTCGPGCVKTCDNWNEIGPCNKPCIAGCHCPANLVLHKGRCIKPVLCPQR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| | |
|---|---|
| **Species:** | Mouse |
| **Serotype:** | AAV-2 |
| **ACCN:** | NM_028472 |
| **ORF Size:** | 2055 bp |
| **Buffer:** | PBS with 0.001% Pluronic F1133 |
| **Stability:** | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus. |
| **RefSeq:** | NM_028472.1, NP_082748.1 |
| **RefSeq Size:** | 3793 bp |
| **RefSeq ORF:** | 2058 bp |
| **Locus ID:** | 73230 |
| **UniProt ID:** | Q8CJ69 |
| **Cytogenetics:** | 9 A3 |
| **MW:** | 76.6 kDa |

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