

Product datasheet for **MR209857A1V**

Mouse Mmp2 (NM_008610) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mmp2 (NM_008610) AAV Particle
Tag:	Myc-DDK
Symbol:	Mmp2
Synonyms:	Clg; Clg4a; Ge; GelA; MMP-; MMP-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209857 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCACGAGTGGCCTGGGAGCGCTGGCCGACCTCTGCGGGTTCTCTGCGTCCTGTGCTGCTGT
 TGGGCCGCGCCATCGCTGCACCATCGCCCATCATCAAGTTCGCCGCGATGTCGCCCTAAAACAGACAA
 AGAGTTGGCAGTGCAATACCTGAACACTTTCTATGGCTGCCCCAAGGAGAGTTGCAACCTCTTTGTGCTG
 AAAGATACCCTCAAGAAGATGCAGAAGTTCTTTGGGCTGCCCCAGACAGGTGACCTTGACCAGAACACCA
 TCGAGACCATGCGGAAGCCAAGATGTGGCAACCAGATGTGGCAACTACAACCTCTTCCCCGCAAGCC
 CAAGTGGGACAAGAACCAGATCACATACAGGATCATTGGTTACACACCTGACCTGGACCTGAAACCGTG
 GATGATGCTTTTGTCTGGGCCTTAAAGTATGGAGCGACGTCCTCCGCTGCGCTTTTCTCGAATCCATG
 ATGGGGAGGCTGACATCATGATCAACTTTGACGCTGGGAGCATGGAGATGGATACCCATTTGATGGCAA
 GGATGGACTCCTGGCACATGCCTTTGCCCCGGGCACTGGTGTGGGGGAGATTCTCACTTTGATGATGAT
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 AGTTCCCTTCTCTGTTCAACGGTCGGAATACAGCAGCTGTACAGACACTGGTCGCACTGATGGCTTCCT
 CTGGTGTCTCCACCACATACAACCTTTGAGAAGGATGGCAAGTATGGCTTCTGCCCCATGAAGCCTTGTTT
 ACCATGGGTGGCAATGCAGATGGACAGCCCTGCAAGTTCGCTTCCGCTTCCAGGGCACCTCCTACAACA
 GCTGTACCACCGAGGGCCGACCGATGGCTACCGCTGGTGTGGCACCACCGAGGACTATGACCGGGATAA
 GAAGTATGGATTCTGTCCCGAGACCGCTATGTCCACTGTGGGTGGAAATTCAGAAGGTGCCCCATGTGTC
 TTCCCCTTCACTTCTGGGCAACAAGTATGAGAGCTGCACCAGCGCCGGCCGAACGATGGCAAGGTGT
 GGTGTGCGACCAACAACCTACGATGATGACCGGAAGTGGGGCTTCTGTCTGACCAAGGATATAGCCT
 ATTCTCTGTGGCAGCCCATGAGTTTCGGCCATGCCATGGGGCTGGAACACTCTCAGGACCTGGAGCTCTG
 ATGGCCCCGATCTACACCTACACCAAGAACTTCCGATTATCCCATGATGACATCAAGGGGATCCAGGAGC
 TCTATGGGCCCTCCCCGATGCTGATACTGACACTGGTACTGGCCCCACACCAACACTGGGACCTGTAC
 TCCGGAGATCTGAAACAGGACATTGTCTTTGATGGCATCGCTCAGATCCGTGGTGAGATCTTCTTCTTC
 AAGGACCGGTTTATTTGGCGGACAGTGACACCACGTGACAAGCCACAGGTCCCTTGCTGGTGGCCACAT
 TCTGGCCTGAGCTCCAGAAAAGATTGACGCTGTGTATGAGGCCCCACAGGAGGAGAAGGCTGTGTTCTT
 CGCAGGGAATGAGTACTGGGTCTATTCTGCTAGTACTCTGGAGCGAGGATACCCCAAGCCACTGACCAGC
 CTGGGGTTGCCCTGATGTCCAGCAAGTAGATGCTGCCTTTAACTGGAGTAAGAACAAGAAGACATACA
 TCTTTGCAGGAGACAAGTTCTGGAGATACAATGAAGTGAAGAAGAAAATGGACCCCGTTTCCCTAAGCT
 CATCGCAGACTCCTGGAATGCCATCCCTGATAACCTGGATGCCGTCGTGGACCTGCAGGGTGGTGGTCAT
 AGCTACTTCTTCAAGGTGCTTATTACCTGAAGCTGGAGAACCAAGTCTCAAGAGCGTGAAGTTTGAA
 GCATCAAATCAGACTGGCTGGGCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209857 protein sequence Red=Cloning site Green=Tags(s) MEARVAWGALAGPLRVLCVLCCLLGRAIAAPSPIIKFPGDVAPKTDKELAVQYLNTFYGCPKESCNLFVL KDTLKKMQKFFGLPQTGDLDQNTIETMRKPRCGNPDVANYNFFPRKPKWDKNQITYRIIGYTPDLDPETV DDAFARALKVWSDVTPPLRFRIHDGEADIMINFGWEHGDGYPFDGKDGLLAHAFAPGTGVGGDSHFDDD ELWTLGEGQVVRVKYGNADGEYCKFPFLFNGREYSSCTDTGRSDGFLWCSTTYNFEKDGYGFCPHEALF TMGGNADGQPCFPFRFQGTSYNSCTTEGRTDGYRWCGTTEDYDRDKKYGFCPETAMSTVGGNSEGAPCV FPFTFLGNKYESCTSAGRNDGKVCATTNYDDDRKWGFCPDQGYSLFLVAAHEFGHAMGLEHSQDPGAL MAPIYTYTKNFRLSHDDIKGIQELYGPSPDADTDGTGPTPTLGPVTPEICKQDIVFDGIAQIRGEIFFF KDRFIWRTVTPRDKPTGPLLVAFWPELPEKIDAVYEAPQEEKAVFFAGNEYWVYSASTLERGYPKPLTS LGLPPDVQQVDAAFNWSKNKTYIFAGDKFWRYNEVKKKMDPGFPKLIADSWNAIPDNLDAVVDLQGGGH SYFFKGAYYLLKENQSLKSVKFGSIKSDWLGC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_008610
ORF Size:	1986 bp
Buffer:	PBS with 0.001% Pluronic F958
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:	<u>NM_008610.2</u>
RefSeq Size:	3070 bp
RefSeq ORF:	1989 bp
Locus ID:	17390
UniProt ID:	<u>P33434</u>
Cytogenetics:	8 44.99 cM
MW:	74.1 kDa