

Product datasheet for **MR216901A1V**

Mouse Mpp7 (NM_001081287) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mpp7 (NM_001081287) AAV Particle
Tag:	Myc-DDK
Symbol:	Mpp7
Synonyms:	1110068J02Rik; 2810038M04Rik; 5430426E14Rik; AI415104; Gm955
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR216901 representing NM_001081287
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGCGCTGGCCACAGGATCGGCTTGCACATGGGTCTGTATGAGCTGTTGGCTGCTCTGCCTGCCC
 AGCTGCAGCCACATGTGGATAGCCAGGAGGACCTGACCTTCTCTGGGACGTGTTTGGTAAAAAGAGCCT
 GCATTCAGTGGTCAAGATTTCATGAAAACTTCACTGCTATGAGAAGCAGAATCCGTTGCCATTCTCCAT
 GGTGCAGCAGCGTTGGCTGATGATCTGACTGAAGAGCTACAGAACAAGCTACCAACAGTGAGATCAGAG
 AGCTGTTGAACTGCTGTCAAAACCAATGTCAAGGCTTTGCTGTCACTACATGATACTGTGGCTCAAAA
 GAGTTATGATCCTGTATTGCCTCCCGTGCCTGACGATATTGATGATGAGGAAGACTCTGTAAAAATAATC
 CGCCTGGTCAAAAATAGCGAGCCCTGGGTGCTACCATTAAAAAAGATGAGCAGACCGGAGCAATCACTG
 TGGCCCAATCATGCGGGGAGGAGCTGCAGATAGAAGTGGTCTTATTCACGTGGGTGATGAGCTGAGGGA
 AGTGAATGGAATCCAGTGGAAGATAAGAGGCCTGAGGAAATAATAAGATTTTGAGTCAGTCCAAGGGA
 GCAATTACATTTAAGATAATACCCAGCACCAAGAGGAGACACCTTCGAAAGAAGGCAAGATATTTATCA
 AAGCCCTCTTTGACTACGATCCTAAGGAAGACAAGGCAATCCCGTGTAAGAGGAGGCGGTGCTTTTCAG
 GAAGGGGGACATTCTCAGATTATGAGCCAAGATGATGTGACATGGTGGCAGGCTAAGCATGAAGGAGAT
 GCCAACCCAGAGCGGGCCTGATTCCCTCCAAGCACTTCCAGGAACGGAGACTGGCTCTGAGACGACCAG
 AAATAGTAGTTTCAGCCTCTGAACTTTCCAACACGAAATCATCTGGTTTTAGAAGAAGTTCCGCTCTAG
 CAGAAAAATAAGAAAAATAAAGTCCATGTATGAATGCAAAAAGAGTGAGCAGTATGACACGGCAGAT
 GTGCCCACATATGAGGAGGTGACACCTACCGCGGCAGATCCATGACAAATACAGACTCATTGTCCTGG
 TTGGTCTGTGCGAGTCGGGCTAAATGAGCTGAAGCGAAAGCTATTGATGAGTGATGCACAGCACTATGG
 TGTGATAGTCCCCACACCACTAGAGCAAGAAGCAAGCAAGAGAGTGATGGTGTGGAATATATTTTTATT
 TCCAAACATTTGTTTGAGACAGATGTACAAAATAACAAGTTCATTGAGTATGGTGAATATAAAAACAACT
 ATTATGGTACAAGTATAGACTCGGTTCTGCTCTGTCTAGCTAAGAACAAGGTTTGTCTGTTGGATGTCCA
 GCCTCATACAGTGAAGCATTTAAGGACTGAGGTTCAAACCTATGTGATATTTATAAAACCTCCATCC
 ATAGAGCGTTTGAGAGAGACAAGAAAAATGCAAGATTATTTCAAGCAGAGATGACCAAGGGACTGCAA
 AGCCCTTCACGGAAGAAGACTTTCAGGAAATGATTAATCAGCACAGATAATGGAAGTCAATATGGCCA
 TCTTTTGACAAAATCATAATCAATGATGATCTTACTGTGGCATTATGAGCTAAAAACAACATTTGAC
 AAAGTAGAGACTGATACCCATTGGGTCCAGTGAGTTGGTTACATTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR216901 representing NM_001081287
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MPALATGSACDMGLYELLAALPAQLQPHVDSQEDLTFLWDVFGEKSLHSLVKIHEKLHCYEKQNPLPILH
 GAAALADDLTEELQNKLPNSEIRELLKLLSKPNVKALLSVHDTVAQKSYDPVLPVPVDDIDDEEDSVKII
 RLKVNSEPLGATIKKDEQTGAITVARIMRGAADRSGLIHVGDELREVNIGIPVEDKRPEEIIKILSQSKG
 AITFKIIPSTKEETPSKEGKIFIKALFDYDPKEDKAIPCKEAGLSFRKGDILQIMSQDDVTWWQAKHEGD
 ANPRAGLIPSKHFQERRLALRRPEIIVVQPLKLSNTKSSGFRRSFRLSRKNKKINKSMYECKKSEQYDTAD
 VPTYEEVTPYRRQIHDKYRLIVLGPVGVGLNELKRLLMSDAQHYGVIVPHTTRARRSQESDGEYEIFI
 SKHLFETDVQNNKFIEYGEYKNNYYGTSIDSVRSVLAKNKVCLLDVQPHTVKHLRTLEFKPYVIFIKPPS
 IERLRETRKNAKIISSRDDQGTAKPFTEEDFQEMIKSAQIMESQYGHLEFDKIIINDDLTVAFNELKTTFD
 KLETDTHWVPVSWLHS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:	NM_001081287
ORF Size:	1728 bp
Buffer:	PBS with 0.001% Pluronic F2553
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_001081287.2, NP_001074756.2</u>
RefSeq Size:	4975 bp
RefSeq ORF:	1731 bp
Locus ID:	75739
UniProt ID:	<u>Q8BVD5</u>
Cytogenetics:	18 A1
MW:	65.5 kDa