

Product datasheet for **RC224739A1V**

Human MPEG1 (NM_001039396) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MPEG1 (NM_001039396) AAV Particle
Tag:	Myc-DDK
Symbol:	MPEG1
Synonyms:	Mpg-1; MPG1; MPS1; P-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC224739 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACAACCTTCAGGGCCACCATCCTCTTCTGGGCAGCGGCAGCATGGGCTAAATCAGGCAAGCCTTCGG
GAGAGATGGACGAAGTTGGAGTTCAAAAATGCAAGAATGCCTTGAAACTACCTGTCTGGAAGTCTTACC
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AGGACAACAGAGGATGGACAGTATATCATCCCTGATGAAATCTTACCATTCCCCAGAAACAGAGCAACC
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AGAAGTCTCTCTTTTCCAAAGTCAATGGCAAGTTTCCACTGAGTTCCAGAGGATGAAGACCTCCAA
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CAGGAGGGTCCCTGCCCCCTGCCAGGCTCCACCTTTACCCGGCCACCCCTCATGAGTCAGGCTGCCAC
CAATACTGTATAGTGACCAATTCTGAGAATGCGAGATCCTGGATTAAAGACTCCAGACCCACCACTGG
AGGCTGGGAGAACCGATAGAGCTGCGGAGGGCCATGAATGTATCCATGGGGATGGTGGTGGTCTGTGAG
GAGGGGCTGCAGCTGGGGTACAGTGGGGTCAACACCATTTGGCTGTTGTTATCACCTTGGCCATCTA
CGGCACCCGGAAGTTCAAGAAGAAAGCATATCAGGCAATTGAGGAAAGGCAGAGTTTGGTTCCAGGCACT
GCAGCAACTGGAGACCACTTACCAAGAGCAGGGGCAGAGTCCAGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC224739 protein sequence Red=Cloning site Green=Tags(s) MNFRATILFWAAAIAWAKSGKPSGEMDEVGVQKCKNALKLPVLEVLPGGGWDNLRNVDMGRVMELTYSNC RTTEDGQYIIPDEIFTIPQKQSNLEMNSEILESANYQSSTSYINTELSLFSKVNGKFSTEFQRMKTLQ VKDQAITTRVQVRNLVYTVKINPTLELSSGFRKELLDISDRLENNQTRMATYLAELLVLNYGTHVTTSD AGAALIQEDHLRASFLQDSQSSRSASVTASAGLAFQNTVNFKFEENYTSQNVLTksylSNRTNSRVQSIGG VPFYPGITLQAWQQGITNHLVAIDRSGLPLHFFINPNMLPDLPGPLVKKVSKTVETAVKRYTTFNTYPCG TDLNSPNFNFQANTDDGSCGKMTNFSFGGVYQECTQLSGNRDVLLCQKLEQKNPLTGDFSCPSGYSPVH LLSQIHEEGYNHLECHRKCTLLVFCkTVCEDVFQVAKAEFRAFWCVASSQVPENSGLLFGGLFSSKSINP MTNAQSCPAGYFPLRLFENLKVCSQDYELGSRFAVPFGGFFSCTVGNPLVDPaisrdLGALSLKKCPGG FSQHPALISDGCQVSYSVKSLFTGGSLPPARLPFTRPPLMSQAATNTVIVTNSENARSWIKDSQTHQW RLGEPIELRRAMNVIHGDGGGLSGGAAAGVTVGVTILAVVITLAIYGRKFKKKAYQAIERQSLVPGT AATGDTTYQEQQSPA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001039396
ORF Size:	2148 bp
Buffer:	PBS with 0.001% Pluronic F8859
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_001039396.1, NP_001034485.1</u>
RefSeq Size:	4527 bp
RefSeq ORF:	2151 bp
Locus ID:	219972
UniProt ID:	<u>Q2M385</u>
Cytogenetics:	11q12.1
MW:	78.6 kDa