

Product datasheet for **RC205800A1V**

Human AP4M1 (NM_004722) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AP4M1 (NM_004722) AAV Particle
Tag:	Myc-DDK
Symbol:	AP4M1
Synonyms:	CPSQ3; MU-4; MU-ARP2; SPG50
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205800 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATTTCCCAATTCTTCATTCTGTCTCCAAGGGGACCCGCTCATCTACAAAGACTTCCGCGGGGACA
 GTGGCGGCCGGGATGTGGCCGAGCTCTTCTACCGAAGCTGACGGGACTGCCAGGAGACGAGTCCCCGGT
 TGTGATGCATCACCATGGCCGTCATTTTATTACATCAGACACAGCGGCCTCTATTTGGTGGTCACAACT
 TCAGAAAACGTTTCTCCCTTCAGCCTCTAGAACTGCTCTCCAGGTTGGCCACCCTTCTGGGCGATTACT
 GTGGCTCCCTGGGCGAGGGGACCATCTCCCGAATGTGGCTCTGGTATACGAACCTCTGGATGAAGTGCT
 GGACTATGGCTATGTACAGACCACATCCACGGAGATGCTGAGGAATTTTATCCAGACGGAAGCTGTGGTC
 AGCAAGCCCTTCAGCCTCTTTGACCTCAGCAGCGTTGGCTTGTGGGGCTGAGACACAACAGAGCAAAG
 TGGCCCCCAGCAGTGCAGCCAGCCGCCCGCTCTGTCCAGTCGCTCTGACCAGAGCCAAAAGAATGAAGT
 TTTTTTGGATGTGGTCGAGAGATTGTCTGTACTGATAGCATCTAATGGATCCCTGCTGAAGGTGGATGTG
 CAGGGAGAGATTCCGGCTCAAGAGCTTCTTCTAGCGGCTCTGAGATGCCATTGGCTTGACGGAAGAGT
 TTTGTGTGGGAAGTCAGAGCTGAGAGGTTATGGGCCAGGAATCCGGGTCGATGAAGTCTCGTTTACAG
 CTCTGTGAATCTGGACGAATTTGAGTCTCATCGAATCCTCCGCTTGCAACCACCTCAGGGCGAGCTGACT
 GTGATGCGGTACCAACTCTCCGATGACCTCCCCCACCCTCCCTTCCGGCTCTTCCCTCTGTGCAGT
 GGGACCGAGGCTCAGGCCGGCTCCAGGTTTATCTAAAGTTGCGATGTGACCTGCTCTCAAAGAGCCAAGC
 CCTCAATGTGAGGCTGCACCTCCCCCTCGCTCGAGGGTGGTCAGCCTGTCTCAGGAGCTGAGCAGCCCA
 GAGCAGAAGGCTGAGCTGGCAGAGGGAGCCCTTCGCTGGGACCTGCCTCGGGTGCAAGGAGGCTCTCAAC
 TCTCAGGCCTTTTCCAGATGGACGTCCAGGGCCCCCAGGACCTCCCAGCCATGGGCTCTCCACCTCGGC
 CTCTCCTCTGGGGCTGGGCCCTGCCAGTCTCTCTTCGAGCTTCCCCGGCACACGTGCTCTGGCCTCCAG
 GTCCGATTCTCAGGCTGGCCTTCAGGCCATGCGGCAATGCCAACCCCCACAAGTGGGTGCGACACCTAA
 GCCACAGCGACGCTATGTATTTCGGATC

AC**CGGGCCGCT**CGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205800 protein sequence
 Red=Cloning site Green=Tags(s)

MISQFFILSSKGDPLIYKDFRGDSGGRDVAELFYRKL TGLPGDESPVVMHHHGRHFIHIRHSGLYLVVTT
 SENVSPFSLLELLSRLATLLGDYCGSLGEGTISRNVLYELLDEVLDYGVVQTTSTEMLRNFIQTEAVV
 SKPFSFLFDLSSVGLFGAETQQSKVAPSSAASRPVLSRSQSQKNEVFLDVVERLSVLIASNGSLLKVDV
 QGEIRLKSFLPSGSEMIRGLTEEFVCGKSELRGYGPGRVDEVSFHSVNLDEFESHRIIRLQPPQELT
 VMRYQLSDDLPSPLPFRLFPSVQWDRGSGRLQVYLKLRCDLLSKSQALNVRLHLPLPRGVVSLSQELSSP
 EQKAELAEGLRWDLPRVQGGSQLSGLFQMDVPGPPGPPSHGLSTSASPLGLGPASLSFELPRHTCSGLQ
 VRFLRLAFRPGNANPHKVRHLSHSDAYVIRI

TRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004722

ORF Size:

1359 bp

Buffer:

PBS with 0.001% Pluronic F68

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_004722.2</u>
RefSeq Size:	1886 bp
RefSeq ORF:	1362 bp
Locus ID:	9179
UniProt ID:	<u>O00189</u>
Cytogenetics:	7q22.1
MW:	50 kDa