

Product datasheet for **RR212640A1V**

Rat Ap2m1 (NM_053837) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Ap2m1 (NM_053837) AAV Particle
Tag:	Myc-DDK
Symbol:	Ap2m1
Synonyms:	Ap50; Clapm1; mu2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RR212640 representing NM_053837
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGATCGGAGGCTTATTCATCTATAATCACAAGGGGAGGTGCTTATCTCCGAGTCTACAGAGATGACA
 TCGGGAGGAATGCAGTGGATGCCTTTCGCGTCAATGTCATTACGCACGGCAGCAGGTGCGCAGCCCTGT
 CACAAACATCGCTCGCACCAGCTTCTTCCATGTTAAGCGGTCCAACATCTGGCTGGCAGCAGTCACCAAG
 CAGAATGTCAATGCCGCCATGGTCTTCAATTCTCTACAAGATGTGTGATGTAATGGCTGCTTACTTTG
 GCAAGATCAGCGAGGAGAACATCAAGAACAATTCGTGCTCATATACGAGCTGCTGGACGAGATTCTGGA
 CTTTGGCTACCCACAGAACTCAGAGACAGGTGCACTGAAAACCTTCATCACCCACAGGGTATCAAGAGT
 CAGCATCAGACAAAAGAAGAGCAGTCCCAGATCACCAGCCAGGTACCGGGCAAATTGGCTGGAGCGGG
 AAGGCATCAAGTATCGTCGGAATGAACCTTCTAGATGTTCTGGAGAGTGTGAACCTGCTTATGTCCCC
 ACAGGGGCGAGGTGCTGAGTGCCCATGTGTCGGCGCGGTGGTGTGAAGAGTTACCTGAGCGGCATGCCT
 GAGTGCAAGTTTGAATGAATGACAAGATTGTATAGAAAAGCAGGGCAAAGGCACAGCCGATGAAACAA
 GCAAGAGTGGTAAGCAGTCGATCGCCATTGATGACTGCACCTTTCACCAAGTGTGTGCGACTCAGCAAGTT
 TGACTCTGAGCGGAGCATCAGCTTTATCCCTCCTGATGGAGAGTTTGAACCTCATGAGATACCGTACTACC
 AAGGACATCATCTGCCTTTCCGGGTGATCCCATTGGTGCAGGAGGTGGACGCACCAAACTGGAGGTCA
 AGGTGGTCATCAAGTCCAACCTCAAGCCCTCACTTCTGGCCCAGAAGATTGAGGTGAGGATCCCAACCCC
 ATTGAACACAAGCGGGGTGCAAGTATGTCATGAAGGGAAGGCCAAGTACAAGGCCAGCGAGAACGCC
 ATTGTATGGAAGATCAAGCGCATGGCAGGCATGAAGGAATCACAGATCAGCGCAGAGATTGAGCTCCTGC
 CCACCAATGATAAGAAGAAATGGGCTCGGCCCCCATTTCCATGAACCTTGGAGGTGCCATTGCGCCTTC
 TGGCCTCAAGGTGCGCTACTTGAAGTATTTGAGCCGAAGCTGAACCTACAGCGACCAAGTGTATCAAAA
 TGGGTGCGCTACATTGGCCGAAGTGGCATTACGAAACCGCTGCTGGGTGCGCTACATTGGCCGAAGTG
 GCATTTACGAAACCGCTGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MIGGLFIYNHKGVLISRVRDDIGRNAVDFAFRVNVIHARQQVRSPVTNIARTSFFHVKRSNIWLAAVTK
 QNVNAAMVFEFLYKMCVMAAYFGKISEENIKNNFVLIYELLDEILDFGYPQNSETGALKTFITQQGIKS
 QHQTKEEQSQITSQVTGQIGWRREGIKYRRNELFLDVLESVNLLMSPQGQVLSAHVSGRVVMKSYLSGMP
 ECKFGMNDKIVIEKQKGTADETSKSGKQSIADDCTFHQCVRLSKFDSERSISFIPPDGEFELMRYRTT
 KDIIILPFRVIPLVREVGRTKLEVKKVKSNNFKPSLLAQKIEVRIPTPLNTSGVQVICMKGAKYKASENA
 IVWKIKRMAGMKESQISAEIELLPTNDKKKWARPPISMNFEVPFAPSGLKVRYLKVFEPKLNYSDDHVIK
 WVRYIGRSGIYETRCWRYIGRSGIYETRC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Rat

Serotype:

AAV-2

ACCN:

NM_053837

ORF Size:

1350 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_053837.1</u>
RefSeq Size:	1816 bp
RefSeq ORF:	1308 bp
Locus ID:	116563
UniProt ID:	<u>P84092</u>
Cytogenetics:	11q23
MW:	49.7 kDa