

Product datasheet for **MR225351A1V**

Mouse Map2 (NM_008632) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Map2 (NM_008632) AAV Particle
Tag:	Myc-DDK
Symbol:	Map2
Synonyms:	G1-397-34; MAP-2; Mtap-2; Mtap2; repro4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR225351 representing NM_008632
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCGACGAGCGAAAGATGAAGAAAGGCACCACACTGGACATCAGCCTCACTCACAGAGGCAGCTG
 CACACCCTCACTCTCCAGAGATGAAGGACCAGGTGGGCAGGGGAAGGCTGAGCCGCAACGCCAATGG
 ATTTCCATACAGAGAGGAGGAGGAAGGCGCCTTTGGGAGCACAGGTCACAGGGCACCTATTCAGATACC
 AAAGAGAACGGGATCAACGGAGAGCTGACCTCAGCTGACAGAGAAACAGCAGAGGAGGTATCTGCAAGGA
 TAGTTCAAGTAGTCACAGCTGAAGCTGTAGCAGTCTGAAAGGTGAACAAGAGAAGGAAGCCCAACAA
 GGACCAGCTGCAGCTCTGCCTTAGCAGCCGAAGAAACAGCTAATCTGCCACCTTCGCCACCACCATCG
 CCAGCCTCAGAACAAACAGCCACAGTGGAGGAAGCAGCAAGTGGTGACTTGGCTCAGGCTCCTGGTGCTT
 TAAACAGGCCAAGGATAAAGTCACTGATGGAATAAGCAAGAGCCAGAGAAACGTTCTCCCTCCCAAG
 ACCTTCTCCATCCTCCCTCCTCGCAGGGGTGTATCAGGAGACAGGGAGGAGAAGTCTTTCTCTCTGAAT
 AGCTCCATCTCTTCAGCACGACGACCACCAGGTGAGAACCAATTCGAGAGCAGGAAAAAGTGGCACCT
 CCACACCTACTACCCCTGGATCAACTGCAATCACCCCTGGAACCTCCCCAAGCTACTCTTCACGTACCCC
 AGGCACCCCGGAACCCCGAGCTACCCAGGACACCAGGAACCCCAATCTGGCATCCTGGTGCCAGT
 GAGAAGAAAGTTGCCATCATCCGCACTCCTCCAAGTCCCAGCTACTCCTAAGCAGCTTCGGCTTATTA
 ACCAACCACTGCCGACTGAAGAAATGTCAAGTCCAAATCGGATCAACTGACAACATCAATACCAGCC
 TAAGGGGGTCAAGTACAAATGTTACTAAGAAGTAGACTTAAGCCATGTGACATCCAATGTGGCTCT
 CTAAGAACATCCGTACAGGCCAGGTGGTGGACGTGTGAAAATTGAGAGTGTAAAACCTGGATTTCAAGG
 AAAAGGCCAAAGTAAAGTTGGCTCACTTGACAATGCTCACACGTACCTGGAGGTGTAATGTGAAGAT
 TGACAGCCAAAAGTTGAACTTCAGAGAGCATGCAAAGGCCCGGTAGATCACGGGGCTGAGATCATCACA
 CAGTCCCAAGCAGGTCCAGCGTGGCATCACCCGACGACTCAGCAACGTCTCATCTTCTGGAAGCATCA
 ACCTGCTCGAATCCCCTCAGCTTGCACCTTTGGCTGAGGATGTACTGCGGCGCTTGCTAAGCAGGGCTT
 G

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MADERKDEGKAPHWTSASL TEAAAPHSPPEMKDQGGAGEGLSRNANGFPYREEEEGAFGEHRSQGTYS
 KENGINDELTSADRETAEEVSARIVQVVTAEAVAVLKGEQEKEAQHKDQPAALPLAAEETANLPPSPPPS
 PASEQTATVEEAASGDLAQAPGAFKQAKDKVTDGISKSPKRSRSLPRPSSILPPRRGVSGDRENSFLN
 SSISSARRTTRSEPIRRAGKSGTSTPTTPGSTAITPGTPPSYSSRTPGTPGTPSYPRTPGTPKSGILVPS
 EKKVAIIRTTPKSPATPKQLRLINQPLPDLKNVSKIGSTDNIKYPKGGQVQIVTKKIDL SHVTSKCGS
 LKNIRHRPGGGRVKIESVKLDFKEKAQAKVGSLDNAHHVPGGGNVKIDSQKLNFRHAKARVDHGAIEIT
 QSPSRSSVASPRRLSNVSSSGSINLLESPQLATLAEDVTAALAKQGL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_008632

ORF Size:

1401 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_008632.2</u> , <u>NP_032658.2</u>
RefSeq Size:	5445 bp
RefSeq ORF:	1404 bp
Locus ID:	17756
Cytogenetics:	1 33.49 cM
MW:	49.8 kDa