

Product datasheet for **MR227569A1V**

Mouse Mta1 (NM_054081) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mta1 (NM_054081) AAV Particle
Tag:	Myc-DDK
Symbol:	Mta1
Synonyms:	MGC118456
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227569 representing NM_054081
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGCCAACATGTACAGGTCGGAGACTATGTCTACTTTGAGAACTCCTCCAGCAACCCGTACCTGA
 TCCGCAGGATTGAAGAGCTTAACAAGACAGCCAACGGGAATGTGGAGGCCAAAGTGGTGTGTTTCTACAG
 AAGCGGGACATTTCCAGCAGCCTCATCGCGCTGGCGGACAAGCATGCAAGGGAAGTGGAGGAGGAGTA
 GAAAACCCAGAGATGGTGGACCTGCCTGAGAACTTAAGCATCAGCTGCGGCATCGAGAACTGTTCTGT
 CTCGGCAGTTGGAGTCTCTGCCTGCCACCCACATCAGGGGCAAGTGCAGTGTTACCTGCTCAATGAGAC
 GGAGTCACTCAAGTCTACTTGGAGCGTGAGGATTTCTTCTTCTACTCTCTAGTCTACGACCCACAGCAG
 AAGACCCTCCTGGCTGATAAAGGGGAAATTCGTGTAGGAAACCGGTACCAGGCTGACATCACTGACTTGC
 TGAAAGAAGGTGAGGAGGACGGCCGCGATCAGTCAAACTGGAGACCAAGGTGTGGGAAGCCACAATCC
 ACTTGTGGATAAGCAGATTGACCAAGTTTCTGGTGGTGGCCGCTCTGTGGGTACCTTTGCACGGGCCCTG
 GATTGACGACGCTCCGTGCGGCAGCCTAGCCTGCACATGAGTGGCGCAGCGGCCCTCCCGAGACATCACCC
 TGTTCCATGCTATGGACACGCTGCACAAGAATCTACGACATCTCCAAGGCCATCTCGGCCCTCGTGCC
 CCAGGGTGGGCCAGTGCTCTGCCGCGATGAGATGGAGGAGTGGTCCGCATCAGAAGCCAACTTTTTGAG
 GAAGCTCTGGAATAATGGGAAAGATTTACCCGACATTCAACAAGATTTTCTCCCATGGAAGTCGCTCA
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 AGCTGAAGCTGAGAGCAAGTTAAAGCAGGTTTATATCCCAACTATAACAAGCCCAACCCAAACAGATC
 AGCGCCAGCAGTGTCAAGGCCACTGTAGTGAATGGCACAGGGACACCAGGCCAGAGCCCCGGGGCCGGTC
 GGGCCTGCGAGAGCTGTTACACACACAGTCTTACCAGTGGTATTCTTGGGGTCCCCCTAACATGCAGTG
 TCGCCTCTGCGCATCTTGTGGACATATTGGAAGAAATATGGTGGCTTGAAATGCCAACCCGGTTAGAT
 GGAGAGAGGCCGGGACCAAAACCGCAATAACATGAGTCCCCATGGCATCCCAGCTCGGAGCAGTGGGAGCC
 CCAAGTTTGCCATGAAGACAAGGCAGGCCTTCTACCTGCATACTACCAAGTTGACACGCATTGCCCGCG
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 ATCAAGGCTGAATGCACAGCACGGCTGCCCAGGCTCCAGAGCCCACTGGTGTGAAGCAGGTAGTAC
 GGAAGCCCTGGAGGCCGTGCTCCGGTATCTTGAGACCATCCCCGCCCGCTAAGCCCCACCCCGTGAA
 GAGTTCATCCAGTGTGCTCAGCAGTCTGACCCCTGCCAAGTCAGCCCTGTCAACAACGGCTCCCCT
 ACCATCCTGGGCAAGAGGAGCTACGAGCAGACAATGGGGTAGATGGCAACATGAAGAAGCGCCTCTTGA
 TGCCCAGTAGGGGTCTGGCAAACCATGGACAGACCAGGCACATGGGACCAAGTCGGAATCTCCTGCTCAA
 TGGGAAGTCTACCCACCAAGTGCGCTAATCCGTGGTGGCTCCCTGCCTCCAGTCAAGCGCGGCGCA
 ATGAACTGGATCGACGCCCCAGATGATGATTTTACATGGCCACCGAAGAGACCAGGAAAATCCGAAAGC
 TGCTCTCATCCTCAGAAACCAAGCGTGTGCCCGCCGGCCCTACAAACCCATTGCCCTGCCCAGAGCCA
 GGCCCTGCCGTGCGGCCACCCACCTGCACCAGTCAATGATGAGCCATTGTTATTGAGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR227569 representing NM_054081 Red=Cloning site Green=Tags(s) MAANMYRVGDYVVFENSSSNPYLIRRIEELNKTANGNVEAKVVCFYRRRDISSSLIALADKHAREVEEEV ENPEMVDLPEKLKHQLRHRELFSLRQLESLPATHIRGKCSVTLLNETESLKSYLEREDFFFYSLVYDPQQ KTLLADKGEIRVGNRYQADITDLLKEGEEDGRDQSKLETKVWEAHNPLVDKQIDQFLVVARSVGTFARAL DCSSSVRQPSLHMSAAAASRDITLFHAMDTLHKNIYDISKAISALVPQGGPVLCRDEMEEWSASEANLFE EALEKYGKDFTDIQDFLPWKSLTSIIIEYYYMWKTTDRYVQKRLKAAEAESKLKQVYIPNYNKPNPNQI SASSVKATVVNGTGTPGQSPGAGRACESCYTTQSYQWYSWGPPNMQCRLCASCWTYWKKYGGGLKMPTRL GERPGPNRNNMSPHGIPARSSGSPKFAMKTRQAFYLHTTKL TRIARRLCREILRPWHAARHPYMPINSAA IKAECTARLPEASQSPLVLKQVVRKPLEAVLRYLETHPRPPKPDVPKSSSSVLSLTPAKSAPVINNGSP TILGKRSYEQHNGVDGNMCKRLLMPSRGLANHGQTRHMGPSRNLNKGSYPTKVRLIRGGSLPPVKRRR MNWIDAPDDVFYMAETEETRKIRKLLSSETKRAARRPYKPIALRQSQUALPRPPPPAPVNDPEIVIED TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_054081
ORF Size:	2094 bp
Buffer:	PBS with 0.001% Pluronic F4298
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_054081.2, NP_473422.2</u>
RefSeq Size:	2775 bp
RefSeq ORF:	2097 bp
Locus ID:	116870
Cytogenetics:	12 F1
MW:	79.6 kDa