

Product datasheet for **RC218599A1V**

Human MTA1 (NM_004689) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MTA1 (NM_004689) AAV Particle
Tag:	Myc-DDK
Symbol:	MTA1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218599 representing NM_004689
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGCCAACATGTACAGGGTCGGAGACTACGTCTACTTTGAGAACTCCTCCAGCAACCCATACCTGA
 TCCGGAGAATCGAGGAGCTCAACAAGACGGCCAATGGGAACGTGGAGGCCAAAGTGGTGTGCTTCTACCG
 GAGGCGGGACATCTCCAGCACCTCATCGCCCTGGCCGACAAGCACGCAACCCTGTCAGTCTGCTATAAG
 GCCGGACCGGGGCGGACAACGGCGAGGAAGGGGAAATAGAAGAGGAAATGGAGAATCCGAAATGGTGG
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 CTGGAGCGGGAGGATTTCTTCTTCTATTCTCTAGTCTACGACCCACAGCAGAAGACCCTGCTGGCAGATA
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 CACCACACAGTCTTACCAGTGGTATTCTTGGGGTCCCCCTAACATGCAGTGTCTCTCTGCGCATCTTGT
 TGGACATATTGGAAGAAATATGGTGGCTTGAAATGCCAACCCGTTAGATGGAGAGAGGCCAGGACCAA
 ACCGCAGTAACATGAGTCCCCACGGCCTCCAGCCCGGAGCAGCGGGAGCCCAAGTTTGCCATGAAGAC
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 CGCGGCTGCCGAAGCCTCCAGAGCCCGCTGGTGTGAAGCAGGCGGTACGCAAGCCGCTGGAAGCCGT
 GCTTCGGTATCTTGAGACCCACCCCGCCCCCAAGCCTGACCCCGTAAAAGCGTGTCCAGCGTGCTC
 AGCAGCCTGACGCCCGCAAGGTGGCCCCGTCATCAACAACGGCTCCCCACCATCCTGGGCAAGCGCA
 GCTACGAGCAGCACAACGGGTGGACGGCAACATGAAGAAGCGCCTCTTGATGCCAGTAGGGGTCTGGC
 AAACCACGGACAGACCAGGCACATGGGACCAAGCCGGAACCTCCTGCTCAACGGGAAGTCTACCCACC
 AAAGTGCGCCTGATCCGGGGGGCTCCCTGCCCCAGTCAAGCGCGGCGGATGAACTGGATCGACGCCC
 CGGATGACGTGTTCTACATGGCCACAGAGGAGACCAGGAAGATCCGCAAGCTGCTCTATCCTCGAAAC
 CAAGCGTGCTGCCCGCGGCCCTACAAGCCCATCGCCCTGCGCCAGAGCCAGGCCCTGCCGCGCGGCCA
 CCGCCACCTGCGCCCGTCAACGACGAGCCCATCGTCATCGAGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC218599 representing NM_004689 Red=Cloning site Green=Tags(s) MAANMYRVGDYVVFENSSSNPYLIRRIEELNKTANGNVEAKVVCFYRRRDISSTLIALADKHATLSVCYK AGPGADNGEEGEIEEEMENPEMYDLPEKLKQLRHRELFSLRQLESPLATHIRGKCSVTLLNETESLKS LEREDFFFYSLVYDPQQTLLADKGEIRVGNRYQADITDLLKEGEEDGRDQSRLETQVWEAHNPLTDKQI DQFLVVARSVGTAFARALDCSSSVRQPSLHMSAAAAARDITLFHAMDTLHKNIYDISKAISALVPQGGPVL CRDEMEEWSASEANLFEEALEKYGKDFTDIQQDFLPWKSLTSIIIEYYMWKTTDRYVQQKRLKAAEAESK LKQVYIPNYPNPNQISVNNIKAGVVNGTGAPGQSPGAGRACESCYTTQSYQWYWGPPNMQCRLCASC WTYWKYGGGLKMPTRLGGERPGPNRSNMSPHGLPARSSGSPKFAMKTRQAFYLHTTKL TRIARRLCREIL RPWHAARHPYLPINSAAIKAECTARLPEASQSPLVLKQAVRKPLEAVLRYLETHPRPPKDPVKSVSSVL SSLTPAKVAPVINNGSPTILGKRSYEQHNGVDGNMCKRLLMPSRGLANHGQTRHMGPSRNLNNGKSYPT KVRLIRGGSLPPVKKRRMNWIDAPDDVFYMAETEETRKIRKLLSSETKRAARRPYKPIALRQSQALPPRP PPAPVNDPIVIED TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004689
ORF Size:	2145 bp
Buffer:	PBS with 0.001% Pluronic F7871
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:	NM_004689.2
RefSeq Size:	2662 bp
RefSeq ORF:	2148 bp
Locus ID:	9112
UniProt ID:	Q13330
Cytogenetics:	14q32.33
MW:	80.6 kDa