

Product datasheet for **MR215774A1V**

Mouse Alg1 (NM_145362) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Alg1 (NM_145362) AAV Particle
Tag:	Myc-DDK
Symbol:	Alg1
Synonyms:	HMAT1; HMT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR215774 representing NM_145362
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCAGCGTCTGCGTGGCGTCTGTTCTGGCGTCTGTTGCTGGTCTGCTGGGCTTGTGGA
 AGCGTGGGCGGCAACGGGCAGGGCCCGCACATGGTCGTCGTTGGTGGTGGGCGACGTGGGCCGACGCC
 CCGCATGCAGTACCACGCGTGTATTGGCCCAGAGCGGCTTTTCGGTGACGCTGCTGGGTTTCTACAAC
 TCCAAACCTCGAGATGAACTCTTGCAGAATGATAGGATTCGGATTGTGAAGTTGACAGATCTGCGGGGCC
 TGGGAGCTGGGCCCCGAATTCTCCAGTATGGAGTCAAGTTGTATTTAGGCAGTGTACTTGTGTGAA
 GATGATGCGCATGGACCCTGCAGCCTACATCTTCTCCAGAACCCTCCAGGTCTGCTGCTATTGCCGTC
 TGCTGGTTTGTGGGCTGCATTTGTGGGAGCAAATTGGTCATCGACTGGCACAACATGGCTACTCCATCA
 TGGGCTTGGTCCATGGCCCCGCCACCCATTGTGCTGCTGGCCAAATGGTATGAGAAGTTCTTCGGGCG
 CCTGTCCACCTGAACCTGTGTGTGACCAATGCTATGCGGGAGGACCTGGCAGAGAAGTGGTGTGTCAGG
 GCTGTGACGCTCTACGACAAGCCAGCATCTTTCTTAAGGAGACACCCTGGACCTGCAGCATGAACTCT
 TTATGAAGCTGAGCCACACGTACTCTCCTTTCCAGAGCTGCTCAGATCCCTCACATCCTGACACAGAGAG
 GTCGGCCCTTCACTGAGAGGGATTGTGAGAGCGGGTGTGAGGCGTCTGCATGGGCGGCCAGCACTGCTC
 GTGAGCAGCACAAGCTGGACAGAGGACGAGGACTTCTCCATCCTGCTTCGAGCATTAGAAAAGTTTGTGAGC
 AACAGCACTCACTGGAGACAGCCTCCCTTCCCTCGTCTGTGTGATAACAGGGAAGGGACCGCTCAGAGA
 GCACTACCGCCACCTCATCAGCCAGAAGCACCTCAGCACGTCGGTTCTGCACCCCATGGCTGGAAGCC
 GAGGACTACCCACTGCTTCTAGGGTCAGCGGATCTGGGTGTCTGTCTACACATGCTCCTCCAGTGGTCTGG
 ACCTGCCATGAAGGTGGTGGACATGTTTGGGTGCCACTTGCCTGTGTGTGCCGTGAACCTCAAGTGTCT
 GCACGAGCTAGTAAGACATGGAGAGAATGGTCTGGTCTTCAAGGATGCTGAGGAGCTGGCAGCTCAGCTG
 CAGATGCTTTTCTCAAAGTTCAGACCTGCTGGAAAGCTAAGCCAGTTCGGGAAGAACTGCAGGAGT
 CGGGGAGCAACGCTGGGATGAGAGCTGGCAGCACACTGTGCTCCCTCTGCTCGCTCACTCACAGATGAC
 CCCCAGGCCCATCCACCCTGTGGCCACCCTTCTGCCGGGCTTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215774 representing NM_145362
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MAASCVALLVALLLLVLLGLWKRGRQTGRARHMVVVVLGDVGRSPRMQYHALSLAQSGFSVTLLGFYN
 SKPRDELLQNDIRIVKLTDLRGLGAGPRILQYGVKVVVFQAVYLLWKMMRMDPAAYIFLQNPPLPAIAV
 CWFVGCICGSKLVIDWHNYGYSIMGLVHGPRHPIVLLAKWYEKFFGRLSHLNLCVTNAMREDLAENWCVR
 AVTLYDKPASFFKETPLDLQHELFMKL SHTYSPFQSCSDPSHPDTERSAF TERDCQSGVVRRLHGRPALL
 VSSTSWTEDEDF SILLRALEKFEQQAL TGDLSPLVCVITGKGPLREHYRHLISQKHLQHVRFCTPWLEA
 EDYPLLLGSADLGVCLHMSSSGLDLPKVVDMFGCHLPVCAVNFKCLHELVRHGENGLVFKDAEELAAQL
 QMLFSKFPDPAGKLSQFRKKLQESGQQRWDESWQHTVLP LLAHSQMTPRPHPPCGHPSCRGF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_145362

ORF Size:

1446 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_145362.2, NP_663337.2</u>
RefSeq Size:	1772 bp
RefSeq ORF:	1449 bp
Locus ID:	208211
UniProt ID:	<u>Q921Q3</u>
Cytogenetics:	16 A1
MW:	54.9 kDa