

Product datasheet for **MR216801A1V**

Mouse Alg10b (NM_001033441) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Alg10b (NM_001033441) AAV Particle
Tag:	Myc-DDK
Symbol:	Alg10b
Synonyms:	AA469671; AU045404; AW123895; C85569; Deaf1; Gm917; nse5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR216801 representing NM_001033441
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCAGCTGGAGGGCTATTACTTCTCGGCCCTTGAGCTGCACCTCCTGGTGTCTGCTGCTCT
 TCTCCGCTTCAGCCGCTCTGCGGGAGCCGTACATGGACGAGATCTCCACCTGCCGAGGCGCAGCG
 GACTGCGAGGGCCGCTTCTCCCTGTCGCACTGGGATCCTATGATCACTACATTACCTGGCCTGTATCTG
 GTGTGGTGGTGGTCAAACCTGCCAGCTGGCTCCTGGATGGTCTGAGCATGTGATCTGCTCCATTG
 GGGTGTCTCAGATTTGTCAATCTTCTTTCAGCGTTGGCACTTCTACTTGTGTATTTGCTCTTCAGGAA
 GGTGCAACCCAGAAACAAGGCTTCTTCAAGTATCCAGAGAATCTGTCAACATTAACCTAGCAGTGTTT
 CCAACCTCTATTTTTTAACCTCCTTACTATACAGAAGCTGGGTCTGTATTCTTCACTCTTTTGTCTT
 ATTTGATGTGCTTTATGGCAACCATAGGACCTCGGCCTTGTGGATTTTGTGGTTTCATGTTTCGTCA
 GACCAACATCATCTGGGCGCCCTTCTGTGCAGGACACCTCATTGCACAGAAGTGCAGTGAAGCCTGGAAG
 ATTGAGCTGCAGAAAGAAGGAGGAGAGGCTTGCGCCACGAAGGGACCGCTCTCGGAGCTCAGAAGAG
 TGCTGCAGTTTCTGCTGGTGTACGCCATGTCCCTAAAGAACCTGAGAATGCTCTTCTGTTGACCTGGCC
 CTACGTGCTTCTGCTGTTGGCGTTCTTTGCCTTGTGGTAGTTAATGGTGGCATTGTTGTTGGTACCGG
 AGTAGTCACGAGGCGCTGTCTCCATTTTCTCAGTTGTTCTATTCTTCTCCTTACTGCCTTTTCTCCT
 TCCCTCACCTACTTCTCTGACCAAAGTCAAGACTTTCCTTAGCTTAGTTTGAAGCGTAGAGTCCAGTT
 CTCTGTGGTACGTTAGTCTCGATACTTTGGTTTGGAAATCACTTATGTCCATAAGTATTTACTGGCA
 GACAATAGGCATTACACATTTTATGTGTGAAAAGAGTATTTAGAGACATGAAGTTGTCAAATATTTAT
 TAGTTCAGCCTACATTTTGTGGTTGGCTATAGCTACTCTTTAAAGGCTAAGTCAAATTTTCTGGAA
 TTTAATGTTTTTGTATGCTTGGTTGCTTCTACAGTTCCCTCAGAACTACTAGAATTCGGTTACTTCATT
 CTACCATACATTTTATAGGCTTAACATACCTCTGCCACCCATATCTAGACTCGTTTGTGAAGTGGGT
 GCTATACAGTTGTTAATTTGTAACCTTTTATATCTTTCTGAACAAGACTTTTCACTGGCCAAATAGTCA
 GGACATCCAAAGGTTTATGTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAQLEGGYFSAALSCTFLVSCLLFSAFSRALREPYMDEIFHLPQAQRYCEGRFSLSQWDPMITTLPLGLYL
 VSVGKVPASWLLGWSEHVICSIGVLRVFNLLFSVGNFYLLYLLFRKQVPRNKASSSIQRILSTLTAVF
 PTLYFFNFLYYTEAGSVFFTLFAYLMCLYGNHRTSALLGFCGFMFRQTNIIWAAFCAGHLIAQKCSEAWK
 IELQKKKEERLAPTKGPLSELRRVLQFLLVYAMSLKNLRMLFLLTWPYVLLLLAFFAFVVVNGGIVVGD
 SSHEACLHFPQLFYFFSFTAFFSFPHLLSLTKVKTFSLVWKRVRVQSVVTLVSILLVWKFYVHKYLLA
 DNRHYTFYVWKRVRQHEVVKYLLVPAYIFAGWAIADSLKAKSIFWNLMMFFVCLVASTVPQKLEFRYFI
 LPYIIYRLNIPLPPIISRLVCELGCYTVVNFVTFYIFLNKTFQWPNSQDIQRFMW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001033441

ORF Size:

1422 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_001033441.3, NP_001028613.1</u>
RefSeq Size:	3727 bp
RefSeq ORF:	1425 bp
Locus ID:	380959
UniProt ID:	<u>Q3UGP8</u>
Cytogenetics:	15 E3
MW:	55.9 kDa