

Product datasheet for **MR206761A1V**

Mouse Acaa1b (NM_146230) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Acaa1b (NM_146230) AAV Particle
Tag:	Myc-DDK
Symbol:	Acaa1b
Synonyms:	MGC29978
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR206761 representing NM_146230 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCATCGGCTGCAGGTAGTGCTGGGTACCTGGCCGGCCGGCCGAGTCGAGCTCCGCGCTGCAAGCTG
CGCCCTGCTCCGCTGGCTTCTGCAGGCCTCGGCCTCCGACGTGGTGGTGGTGACGGACGGCGCACTCC
CATTGGCCGCGCCAGCCGTGGCTGCTTCAAGGACACACCCCGACGAGCTTCTGTGGCCGTGTTGACC
GCGGTTCTCCAGGACGTGAAGCTAAAGCCTGAGCAGCTGGGAGACATCTCCGTGGGCAATGTGCTTCAGC
CCGGGGCTGGAGCCATTATGGCACGCATCGCCAGTTCTGAGCGGCATCCAGAGACTGTACCTTTGTC
TACGGTCAACAGACAGTGTTCATCGGGACTGCAGGCAGTGGCCAACATTGCTGGTGGCATCAGAAATGGG
TCTTATGACATTGGCATGGCCTGTGGGTGGAGTCCATGACCCTGTCCCAGAGAGGGAACCATGGGAATA
TTTCTTCCCGCTGCTGGAGAACGAGAAGGCCAGAGACTGCCTGATTCTATGGGGATAACTTCGGAGAA
TGTGGCTGAGCGGTTTGGCGTTTCACGGCAGAAGCAGGATGCCTTTGCGCTGGCCTCCAGCAGAAGGCA
GCAAGCGCCAGAGCAGAGGATGCTTCCATGCTGAGATTGTGCCTGTGACAACCACTGTCCTGAATGACA
AGGGTGACAAGAAAACCATCACTGTGTCTCAGGATGAGGGTGTCCGCCCCAGCACCACTGCAGGGCCT
GGCCAAGCTGAAGCCTGCCTTCAAGGATGGAGGCTTACCACGGCTGGAACCTCCAGTCAGGTGAGTGAT
GGAGCAGCTGCCGTCTGCTGGCTCGGAGGTCCAAGGCTGAAGAACTGGGCCTCCCCATCCTTGGGGTCC
TGAGGTCTATGCAGTGGTGGGGTCCCTCCTGACGTCATGGGCATCGGACCTGCCTATGCCATCCCTGC
AGCCTTGCAAGAGCAGGGCTGACTGTGAATGACATAGACATCTTTGAGATCAATGAGGCCTTTGCAAGT
CAGGCCGTCTACTGTGTGGAGAAGTTAGGAATTCCTGCAGAGAAGGTGAACCCGCTGGGGGTGCAATAG
CCCTGGGCCACCCCTGGGCTGCACGGGAGCAAGGCAGGTTGTACGCTACTCAATGAATGAAGCGCG
TGGCAGACGGGTTACGGCGTGGTATCCATGTGCATCGGGACTGGGATGGGAGCTGCTGCGGTCTTTGAA
TACCCTGGGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR206761 representing NM_146230 Red=Cloning site Green=Tags(s) MHRLQVVLGHLAGRPESSSALQAAPCSAGFLQASASDVVVHGRRTPIGRASRGCFKDTTPDELLSAVLT AVLQDVKLKPEQLGDISVGNVLQPGAGAIMARIAQFLSGIPETVPLSTVNRQCSSLQAVANIAGGIRNG SYDIGMACGVESMTLSQRGNHGNISSRLLENKARDCLIPMGITSENVAFRGVSRQKQDAFALASQQA ASAQSRGCFHAEIVPVTTLNDKGDKKTTITVSQDEGVRPSTTMQGLAKLKPFAKDDGGSTTAGNSSQVSD GAAAVLLARRSKAEELGLPILGVLSYAVVGVPDVMGIGPAYAIPAALQKAGLTVNDIDIFEINEAFAS QAVYCVKELGIPAEKVNPLGGAIALGHPLGCTGARQVVTLLNELKRRGRRAYGVVSMCIGTGMGAAAVFE YPGN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_146230
ORF Size:	1272 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_146230.3, NP_666342.1</u>
RefSeq Size:	1669 bp
RefSeq ORF:	1275 bp
Locus ID:	235674
UniProt ID:	<u>Q8VCH0</u>
Cytogenetics:	9 F3
MW:	44 kDa