

Product datasheet for **MR206222A1V**

Mouse Acaa2 (NM_177470) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Acaa2 (NM_177470) AAV Particle
Tag:	Myc-DDK
Symbol:	Acaa2
Synonyms:	0610011L04Rik; AI255831; AI265397; D18Ert240e
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR206222 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCCTGCTACGAGGTGTGTTTCATCGTCGTCGGAAGCGAACCCCTTTGGAGCTTACGGGGGCCTTC
TCAAGGACTTCTCTGCCACCGATTTAACTGAATTTGCTGCCAGGGCTGCTCTGTCTGCTGGCAAAGTTCC
ACCTGAAACCATCGATAGTGTTCATCGTGGGCAATGTATGCAGAGCTCTTCAGATGCGGCATACCTGGCG
AGGCATGTGGGTTTTCGAGTGGGAGTCCCAACAGAGACTGGGGCACTTACCCTCAACAGGCTCTGTGGCT
CTGGTTTCCAGTCCATCGTGAGCGGATGTCAGGAAATCTGTTCTAAAGATGCTGAGGTCGTCTTGTGTGG
AGGAACAGAGAGCATGAGCCAGTCCCCCTACTGTGTGAGAAATGTGCGCTTCGGAACCAAAATTTGGATTA
GATCTCAAGCTGGAAGATACTTTGTGGGCAGGATTAACGATCAACATGTTAAGCTGCCCATGGGAATGA
CTGCAGAGAACCCTTGCTGCAAAATACAACATAAGCAGAGAAGACTGTGACAGATACGCCTTGCACTCTCA
GCAGAGGTGGAAGCTGCTAACGAGGCTGGCTACTTCAATGAGGAGATGGCACCCATTGAGGTGAAGACG
AAGAAAGGCAACAGACCATGCAAGTGGACGAGCACGCTCGACCCCAACCCCTGGAGCAACTGCAGA
AGCTCCCGTCCGTGTTCAAGAAAGACGGGACAGTCACAGCAGGGAACGCCTCGGGGGTGTCTGACGGTGC
TGGGGCCGTATCATAGCCAGCGAAGATGCTGTCAAAAACATAAATTACGCCCTGGCCAGAGTCGTG
GGCTACTTCGTGTCGGATGCGATCCTACTATCATGGGTATTGGTCCAGTCCCTGCTATCAATGGAGCAT
TGAAGAAAGCTGGGCTGAGTCTTAAGGACATGGATTTGATAGAGTGAACGAAGCTTTTGCCCTCAGTT
CTTGTCTGTTTCAAGGCCCTGGATCTTGACCCAGCAAAACCAATGTGAGTGGAGGCGCCATTGCCCTG
GGTCACCCGCTGGGAGGATCTGGCTCCAGAATCACCGCACACCTGGTTTCATGAGTTAAGGCGTCGAGGTG
GAAAGTACGCAGTGGGATCGGCTTGATTGGAGGTGGCAAGGCATCGCCCTGATCATCCAGAACACAGT
C

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR206222 protein sequence Red=Cloning site Green=Tags(s) MALLRGVFIVAARKTPFGAYGGLLKDFSATDLTEFAARAALSAGKVPPETIDSVIVGNVMQSSSDAAYLA RHVGLRVGVPPTETGALTLNRLCGSGFQSI VSGCQEICSKDAEVVLCGGTESMSQSPYCVRNVRFGTKFGL DLKLEDTLWAGLTDQHVKLPMGMTAENLAAKYNISREDCDRYALQSQRWKAANEAGYFNEEMAPIEVKT KKGKQTMQVDEHARPQTTLQLQKLPSVFKDGTVTAGNASGVSDGAGAVIIASEDAVKKHNTPLARVV GYFVSGCDPTIMGIGPVPAINGALKKAGLSLKDMDLIDVNEAFAPQFLSVQKALDLDPSKTNVSGGAIAL GHPLGGSGSRITAHLVHELRRRGKYAVGSACIGGGQGIALLIIQNTV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_177470
ORF Size:	1191 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_177470.2, NP_803421.1</u>
RefSeq Size:	1500 bp
RefSeq ORF:	1194 bp
Locus ID:	52538
UniProt ID:	<u>Q8BWT1</u>
Cytogenetics:	18 50.76 cM
MW:	41.9 kDa