

Product datasheet for **MR210117A1V**

Mouse *Acs1* (NM_007981) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse <i>Acs1</i> (NM_007981) AAV Particle
Tag:	Myc-DDK
Symbol:	<i>Acs1</i>
Synonyms:	Ac; Acas; Acas1; Acs; Fac; Fac12; FACS; LACS 1; LACS1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210117 representing NM_007981
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGTCCATGAATTGTTCCGGTATTTTCGAATGCCAGAGCTGATTGACATTCGGCAGTACGTGCGCA
 CCCTTCCAACCAACACCCTCATGGGTTTGGGGCTTTTGCAGCGCTCACCACCTTCTGGTATGCCACCAG
 GCCTAAGGCCCTGAAGCCACCATGTGACCTCTCCATGCAGTCAGTGAAAATAGCGGGTACCACTGATGGT
 ATTCGAAGATCAGCAGTCCTTGAAGATGACAAGCTCTTGGTGTACTACTACGACGATGTCAGAACCATGT
 ACGATGGCTTCCAGAGGGGGATTCAAGTGTCAAATAATGGTCTTGTAGGTTCTCGGAAGCCAAACCA
 GCCCTATGAGTGGATTCTACAAAGAGGTGGCAGAACTGGCTGAGTGCATAGGCTCCGGGCTGATCCAG
 AAGGGGTTCAAGCCTTGTCCGAGCAGTTCATCGGCCTTCTCTCAAAACAGACCCGAGTGGGTGATCG
 TCGAGCAAGGATGCTTCTTACTCAATGGTGGTCTGCCGCTCTATGACACCCTTGAGCTGACGCCAT
 CACCTACATAGTGAACAAAGCTGAACCTCTGTGATTTTGTGACAAGCCAGAAAAAGCCAAACTCTTA
 TTAGAAGGTGTAGAAAAAAGTTAACACCATGCCTTAAATCATAGTCATCATGGACTCCTACGGCAGTG
 ATCTGGTGAACGAGGCAAGAAGTGTGGGTGGAATCATCAGCCTCAAAGCTCTGGAGGACCTTGAAG
 AGTGAACAGAGTGAAGCCCAAGCCTCCAGAACCAGAGATCTTGCAGTAAATTTGTTTACAAGTGAAGT
 ACAGGCAACCCCAAGGAGCAATGATCACTACCAAAACATTATAACGACTGCTCAGGTTTTATAAAG
 CAACAGAGAGTGCATTCATCGCTTCCACAGATGATGTGCTGATATCTTCTTGCCTCTCGCCCATATGTT
 TGAGACCGTTGTAGAGTGTGAATGCTGTGTCATGGAGCTAAGATAGGATTTTCCAAGGAGATACAGG
 CTGCTTATGGACGACCTCAAGGTGCTTCAGCCACCCTCTCCCTGTGGTTCAGGCTGCTGAACCGGA
 TGTTTCGACAGAATTTTGGACAAGCAAACTTCCTTGAAGCGATGGCTGTTGGACTTTGCCTCCAAAAG
 GAAAGAGGCGGAGCTTCGAGTGGCATCGTCAGAAACAACAGCCTGTGGGATAAACTCATCTTCCACAAG
 ATACAGTCGAGCCTGGGTGGGAAAGTCCGGCTGATGATCAGGAGCAGCCCCGGTGTCTGCCACAGTGC
 TGACGTTTCTGAGGACAGCGCTCGGCTGCCAGTTCTATGAAGGCTACGGACAGACCGAGTGCAGTCTGG
 TTGCTGCCTGAGCTTGCCCGGAGACTGGACGGCAGGCCATGTTGGAGCCCCATGCCTTGCAATTATGTA
 AAGCTTGTGGATGTGGAAGAAATGAATTACCTGGCATCCAAGGCGAGGGTGAAGTGTGTGAAAGGGG
 CAAATGTGTTCAAAGGCTACTTGAAAGACCCAGCAAGAACAGCTGAAGCCCTGGATAAAGATGGCTGGT
 ACACACGGGGACATTGAAAAATGGCTGCCAAATGGCACCTTGAAGATTATCGACAGGAAAAAGCACATA
 TTAAACTAGCCCAAGGAGAGTACATAGCACCAGAAAAGATTGAAAATATCTACCTGCGGAGTGAAGCCG
 TGGCCCAAGGTGTTGTCCACGGAGAAAGCTTGACAGCCTTCTCATAGCAGTTGTGGTACCCGACGTTGA
 GAGCCTACCGTCTGGGCACAGAAGAGAGGCTTACAAGGTCCTTCGAAGAACTGTGCAGGAACAAGGAT
 ATCAATAAAGCTATCCTGGACGACTTGTGAACTTGGGAAGGAAGCCGGTCTGAAGCCATTTGAACAGG
 TCAAAGGCATTGCTGTGACCCGGAATTATTTCTATTGACAACGGCCTTCTGACTCCAACACTGAAGGC
 GAAGAGGCCAGAGCTACGGAATATTTAGGTGCGAGATAGATGAAGTGTACGCCACCATCAAGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210117 representing NM_007981 Red=Cloning site Green=Tags(s) MEVHELFRYFRMPELIDIRQYVRTLPTNTLMGFGAFAALTTFWYATRPKALKPPCDLSMQSVEIAGTTDG IRRSVLEDDKLLVYYYDDVRTMYDGFQRGIQVSNNGPCLGSRKPNQPYEWISYKEVAELAECIGSGLIQ KGFKPCSEQFIGLFSQNRPEWIVEQGCFYSMVVVPLYDTLGADAITIYNKAELSVIFADKPEKAKLL LEGVENKLTCLKIIVIMDSYGSDLVERGKKCGVEIISLKALEDLGRVNRVKPKPPEPEDLAIICFTSGT TGNPKGAMITHQNIINDCSGFIKATESAFIASTDDVLISFLPLAHMFETVVECVMMLCHGAKIGFFQGDIR LLMDDLKVLQPTIFPVVPRLLNRMFDRIFGQANTSLKRWLLDFASKRKEAELRSGIVRNNSLWDKLIFHK IQSSLGGKVRLMITGAAPVSATVLTFLRTALGCQFYEGYGQTECTAGCCLSLPGDWTAGHVGAPMPCNYV KLVDVEEMNYLASKGEGEVCVKGANVFKGYLKDPARTAEALDKDGLHTGDIGKWLNGTLKIIDRKKHI FKLAQGEYIAPEKIENIYLRSEAVAQVFVHGESLQAFLIAVVVPDVESLPSWAQKRGLQGSFEELCRNKD INKAILDDLLKLGKEAGLKPFQVKGIAVHPELFSIDNGLLTPTLKAKRPELRNYFRSQIDELYATIKI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_007981
ORF Size:	2097 bp
Buffer:	PBS with 0.001% Pluronic F1215
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_007981.3, NP_032007.2</u>
RefSeq Size:	3891 bp
RefSeq ORF:	2100 bp
Locus ID:	14081
UniProt ID:	<u>P41216</u>
Cytogenetics:	8 B1.1
MW:	78.4 kDa