

Product datasheet for **RC201099A1V**

Human ACSM3 (NM_202000) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACSM3 (NM_202000) AAV Particle
Tag:	Myc-DDK
Symbol:	ACSM3
Synonyms:	SA; SAH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201099 representing NM_202000 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTAGCTCGTGTCCAGGAAGATGCTACGTCATGCCAAGTGTTCAGCGCCTAGCAATTTTGGTT
CTGTGAGGGCACTGCATAAAGATAATAGAACAGCAACCCCTCAGAATTTCTCAACTATGAATCCATGAA
ACAGGACTTCAAACCTGGGATTCAGAGTATTTCAACTTTGCTAAAGATGCTCTGGACCAATGGACTGAT
AAGGAAAAGGCTGGAAGAAACCTTCAAATCCAGCCTTCTGGTGGATCAACAGAAATGGAGAAGAGATGC
GATGGAGTTTGGAGAACTGGGATCTCTGTCCAGAAAATTTGCCAATATACTTTTCAGAAGCCTGTTCCCT
ACAAAGAGGAGATCGGGTAATTCTGATTCTGCCAGGGTCCCAGAGTGGTGGCTTGCAAATGTGGCCTGT
CTGCGAACAGGGACAGTTTAAATCCAGGAACCACTCAGCTGACCCAGAAAGACATTCTCTACAGACTAC
AATCTTCAAAGCAAACCTGCATTATACCAATGATGTTTTAGCCCCAGCAGTAGACGCTGTTGCATCCAA
ATGTGAAAATCTGCACTCCAAGCTGATTGTATCAGAGAACTCCAGAGAGGGGTGGGGAACTCAAGGAG
TTGATGAAACATGCCAGTGACAGCCACACCTGTGTGAAGACAAAACAAATGAGATCATGGCCATATTCT
TTACCAGTGGAACAAGTGGATATCCGAAAATGACTGCACACCCACAGCAGTTTGGTTTAGGATTATC
TGTAATGGAAGTTCTGGCTAGATTTGACACCCTCAGATGTGATGTGGAATACCTCAGATACGGGCTGG
GCAAAGCTGCATGGAGTAGTGTTCCTCCGTGGATCCAGGGAGCATGTGTATTACACACCATTTAC
CCCGTTTTGAGCCGACTTCTATCTTGCAAACACTCTCCAAGTACCCCATCACAGTCTTCTGTTACAGACC
AACTGTATACCGAATGCTTGTACAGAATGATATAACCACTATAAGTTTAAAGCTTAAAGCACTGTGTG
AGTGCTGGGGAACCAATTACCCCTGACGTGACTGAAAAATGGAGAAACAGACGGGCCTGGATATCTACG
AAGGATATGGACAGACTGAAACGGTGCTAATCTGTGGAATTTAAGGGAATGAAATTAACCTGGCTC
AATGGGAAACCTTCTCTGCTTTCGATGTTAAGGTTTGACATCCCCTTCCAGGAGAATGTTTAACAAC
CCAATCTGTACACTACCTACCTACCGCTTACCCCATATAAACTTTCTTTGTTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201099 representing NM_202000 Red=Cloning site Green=Tags(s) MLARVTRKMLRHAKCFQRLAIFGSVRLHKDNRTATPQNFSNYESMKQDFKLGIPYFNFADVDLDQWTD KEKAGKKPSNPAFWWINRNGEEMRWSFEELGSLSRKFANILSEACSLQRGDRVILILPRVPEWWLANVAC LRTGTVLIPGTTQLTQKDILYRLQSSKANCIIITNDVLAPAVDAVASKCENLHSLKLVSENSREGWGNLKE LMKHASDSHTCVKTKHNEIMAIFFTSSTSGYPKMTAHTHSSFGLGLSVNGRFLDLTPSDVMWNTSDTGW AKSAWSSVFSPIWQACVFTHHLPRFEPTSILQTLISKYPITVFCAPTYYRMLVQNDITSYKFKSLKHCV SAGEPITPDVTEKWRNKTGLDIYEGYGTETVLICGNFKGMKIKPGSMGKPSAFDVKVCTSPSRMFNN PICTLPYRLPPYKLSLL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_202000
ORF Size:	1314 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_202000.2, NP_973729.1</u>
RefSeq Size:	1587 bp
RefSeq ORF:	1317 bp
Locus ID:	6296
UniProt ID:	<u>Q53FZ2</u>
Cytogenetics:	16p12.3
MW:	49.5 kDa