

Product datasheet for **RC218932A1V**

Human ACSL5 (NM_203380) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACSL5 (NM_203380) AAV Particle
Tag:	Myc-DDK
Symbol:	ACSL5
Synonyms:	ACS2; ACS5; FACL5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218932 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGGACGCTCTGAAGCCACCCTGTCTCTGGAGGAACACGAGCGAGGGAAGAAGGACAGGGACTCGTGTG
GCAGGAAGAAGCTCAGAGCCGGGAAGCCCCATTCACTAGAAGCACTGAGAGATGCGGCCCTCGCAGGG
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CCGGCGTTGATCTGCATCCTGACATTTGGAGCTGCCATCTTCTGTGGCTGATCACCAGACCTCAACCCG
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AGGGTATCATCAGGCATGATAGTTTCTGGGACAAGCTCATCTTGGCAAAGATCCAGGACAGCCTGGGCGG
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GCTGGCTCCCGAATGGAATCTGAAGATCATCGACCGTAAAAAGAACATTTTCAAGCTGGCCCAAGGAGA
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GGGAGAGCTTACGGTCATCCTTAGTAGGAGTGGTGGTTCTGACACAGATGACTTCCCTCATTTCGAG
CCAAGCTTGGGTGAAGGGCTCCTTTGAGGAAGTGTGCCAAAACCAAGTTGTAAGGGAAGCCATTTTGA
AGACTTGCAGAAAATTGGGAAAGAAAGTGGCCTTAAACTTTTGAACAGGTCAAAGCCATTTTCTTCAT
CCAGAGCCATTTCCATTGAAAATGGGCTCTTGACACCAACATTGAAAGCAAAGCGAGGAGAGCTTTCCA
AATACTTTGACCCCAAAATTGACAGCCTGTATGAGCACATCCAGGAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC218932 protein sequence Red=Cloning site Green=Tags(s) MDALKPPCLWRNHERGKKDRDSCGRKNSEPGSPHSLEALRDAAPSQGLNLLLLFTKMLFIFNFLFSPLPT PALICILTFGAAIFLWLITRPQVPLPLDLNNQSVGIEGGARKGVSQKNNDLTSCCFSDAKTMYEVFQRG LAVSDNGPCLGYRKPNQPYRWLSYKQVSDRAEYLGSCLLHKGYSKSPDQFVGIFAQNRPEWIISELACYT YSMVAVPLYDTLGPEAIVHIVNKADIAMVICDTPQKALVLIGNVEKGFTPSLKVIIIMDPFDDDLKQGE KSGIEILSLYDAENLGKEHFRKPVPPSPEDLSVICFTSGTTGDPKGAMITHQNIIVSNAAFLKCVEHAYE PTPDDVAISYLPLAHMFERIVQAVVYSCGARVGFFQGDIRLLADDMTLKPFLPAVPRLNRIYDKVQN EAKTPLKKFLLKLAVSSKFELQKGIIRHDSFWDKLIFAKIQDSLGGVRVIVTGAAPMSTSVMTFFRAA MGCQVVEAYGQTECTGGCTFTLPGDWTSGHVGVPACNYVKLEDVADMNYFTVNNEGEVCIKGTNVFKGY LKDPEKTQEALDSGWLHTGDIWRWLPNGTLKIIDRKKNIKLAQGEYIAPEKIENIYNRSQPVLFIVH GESLRSSLVGVVVPDTPVPSFAAKLVKGSFEELCQNVVREAILEDLQKIGKESGLKTFEQVKAIFLH PEPFSIENGLLTPTLAKARGELSKYFRTQIDSLYEHIQD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_203380
ORF Size:	2217 bp
Buffer:	PBS with 0.001% Pluronic F7921
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_203380.1, NP_976314.1</u>
RefSeq Size:	3399 bp
RefSeq ORF:	2052 bp
Locus ID:	51703
UniProt ID:	<u>Q9ULC5</u>
Cytogenetics:	10q25.2
MW:	82.3 kDa