

Product datasheet for **RC216974A1V**

Human ACSL6 (NM_015256) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACSL6 (NM_015256) AAV Particle
Tag:	Myc-DDK
Symbol:	ACSL6
Synonyms:	ACS2; FACL6; LACS2; LACS5; LACS 6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216974 representing NM_015256
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGACCTTCTTCCTCGTGTGCGGGGCTCCCTCTGGCTATTCGTAGAGTTTGTCTCTCACTTCTGG
 AGAAGATGCAGACACAGGAGATCCTGAGGATACTGCGACTGCCTGAGCTAGGTGACTTGGGACAGTTTTT
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 GTACCAGGTGTTCCGCCGTGGGCTTAGCATCTCAGGGAATGGGCCCTGTCTTGGTTTCAGGAAGCCTAAG
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 AGCCCTGAAAGAGAGAGGGCAGAAGTGCGGGTGGTCAATTAAGTCCATGCAGGCCGTGGAGGACTGTGGC
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 GCCTTCTCTCAGATGACATGAAGGCTCTATGCCCCACCATCTTCCCTGTGGTCCCACGACTGCTGAACCG
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 CGTAAGCAAGCCGAGGTCCGGAGTGGAATCATCAGGAATGATAGTATCTGGGATGAACCTTTCTTTAATA
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 ACCAAATGTGTTCAAAGGCTACTTGAAGATCCAGACAGGACGAAGGAGGCCCTGGACAGCGATGGCTGG
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 TATTTAACTTGCTCAGGGAGAATATGTTGCACCCGAGAAGATTGAGAACATCTACATCCGGAGCCAACC
 TGTGGCGCAAATCTATGTCCATGGGGACAGCTTAAAGGCTTTTTGGTAGGCATTGTTGTGCTGACCT
 GAAGTTATGCCCTCCTGGGCCAGAGAGAGGAATTGAAGGAACATATGCAGATCTCTGCACAAATAAGG
 ATCTGAAGAAAGCCATTTTGAAGATATGGTGAGGTTAGGAAAAGAAAGTGGACTCCATTCTTTGAGCA
 GGTTAAAGCCATTCACATCCATTCTGACATGTTCTCAGTTCAAATGGCTTGCTGACACCAACACTAAAA
 GCTAAGAGACCTGAGCTGAGAGAGTACTTCAAAAAACAAATAGAAGAGCTTTACTCAATCTCCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC216974 representing NM_015256 Red=Cloning site Green=Tags(s) MLTFFLVSGGSLWLFVEFVLSLLEKMQTQEILRILRLPELGDLGQFFRSLSATTLVSMGALAAILAYWFT HRPKALQPPCNLLMQSEEVDSGGARRSVIGSGPQLLTHYYDDARTMYQVFRRLSISGNGPCLGFRKPK QPYQWLSYQEVADRAEFLGSGLLQHNCACKTDQFIGVFAQNRPEWIIIVELACYTYSMVVPLYDTLGPA IRYIINTADISTVIVDKPQKAVLLLEHVERKETPGLKLIILMDPFEEALKERGQKCGVVIKSMQAVEDCG QENHQAPVPPQDDLSIVCFSTGTTGNPKGAMLTGNNVADFSGFLKVTESQWAPTCADVHISYPLAHM FERMVQSVVYCHGGRVGGFFQGDIRLLSDDMKALCPTIFPVVPRLLNRMYSKIFSQANTPLKRWLLFAAK RKQAEVRSGIIRNDISIWDELFFNKIQASLGGCVRMIVTGAAPASPTVLGFLRAALGCQVYEGYGGQTECTA GCTFTTPGDWTSGHVGAPLPCNHIKLVDEELNYWACKGEGEICVRGPNVFKGYLKDPDRTEALDSDGW LHTGDIGKWLPGATLKIIDRKKHIFKLAQGEYVAPEKIENIYIRSQPVQIYVHGDLSKAFVLGIVVPDP EVMPSWAQKRGIEGTADLCTNLDLKKAILEDMMVRLGKESGLHSFEQVKAIHIHSDMSVQNGLLTPTLK AKRPELREYFKKQIEELYSISM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_015256
ORF Size:	2166 bp
Buffer:	PBS with 0.001% Pluronic F7627
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_015256.2, NP_056071.2</u>
RefSeq Size:	3047 bp
RefSeq ORF:	2169 bp
Locus ID:	23305
UniProt ID:	<u>Q9UKU0</u>
Cytogenetics:	5q31.1
MW:	80.3 kDa