

Product datasheet for **RC211883A1V**

Human ACSL6 (NM_001009185) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACSL6 (NM_001009185) 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:**

>RC211883 representing NM_001009185
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCTGACCTTCTTCCTCGTGTGCGGGGCTCCCTCTGGCTATTCGTAGAGTTTGTCTCTCACTTCTGG
 AGAAGATGCAGACACAGGAGATCCTGAGGATACTGCGACTGCCTGAGCTAGGTGACTTGGGACAGTTTTT
 CCGCAGCCTCTCGGCCACCACCCTCGTGAATATGGGTGCCCTGGCTGCCATCCTTGCCTACTGGTCACT
 CACCGGCCAAAGGCTTGCAGCCGCCATGCAACCTCCTGATGCAGTCAGAAGAAGTAGAGGACAGTGGCG
 GGGCACGGCGATCTGTATTGGGTCTGGCCCTCAGCTACTTACCCACTACTATGATGATGCCCGGACCAT
 GTACCAGGTGTTCCGCCGTGGGCTTAGCATCTCAGGGAATGGGCCCTGTCTTGGTTTCAGGAAGCCTAAG
 CAGCCTTACCAGTGGCTGTCTACCAGGAGGTGGCCGACAGGGCTGAATTTCTGGGGTCCGGACTTCTCC
 AGCACAATTGTAAGCATGCACTGATCAGTTTATTGGTGTTCACAAAAATCGGCCAGAGTGGATCAT
 TGTGGAGCTGGCCTGCTACACATATTCCATGGTGGTGGTCCCGCTCTATGACACCCTGGGCCCTGGGGCT
 ATCCGCTACATCATCAATACAGCGGACATCAGCACCGTATTGTGGACAAACCTCAGAAGGCTGTGCTTC
 TGCTAGAGCATGTGGAGAGGAAGGAGACTCCAGGCCTCAAGCTGATCATCCTCATGGACCATTCGAAGA
 AGCCCTGAAAGAGAGAGGGCAGAAGTGCGGGTGGTCAATTAAGTCCATGCAGGCCGTGGAGGACTGTGGC
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 CGACAGGGAACCCAAAGGTGCGATGCTCACCCATGGGAACGTGGTGGCTGATTTCTCAGGCTTTCTGAA
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 GCCTTCTCTCAGATGACATGAAGGCTCTATGCCCCACCATCTTCCCTGTGGTCCCACGACTGCTGAACCG
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 CGTAAGCAAGCCGAGGTCCGGAGTGGAATCATCAGGAATGATAGTATCTGGGATGAACCTTCTTTAATA
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 TCTGGGATTTCTCGGGCAGCTCTAGGGTGCCAGGTTTATGAAGGTTATGGCCAACTGAGTGCACAGCT
 GGATGTACCTTACCACCTCCTGGCGACTGGACCTCAGGGCACGTAGGGGCGCCACTTCCCTGCAATCATA
 TCAAGCTCGTTGATGTTGAGGAAGTGAAGTACTGGGCTGCAAGGAGAGGGAGAGATATGTGTGAGAGG
 ACCAAATGTGTTCAAAGGCTACTTGAAGATCCAGACAGGACGAAGGAGGCCCTGGACAGCGATGGCTGG
 CTTCACTGAGACATCGGAAATGGCTGCCGCGAGGAAGTCTTAAATTTATTGATCGGAAAAAGCATA
 TATTTAACTTGCTCAGGGAGAATATGTTGCACCCGAGAAGATTGAGAACATCTACATCCGGAGCCAACC
 TGTGGCGCAAATCTATGTCCATGGGGACAGCTTAAAGGCTTTTTGGTAGGCATTGTTGTGCTGACCT
 GAAGTTATGCCCTCCTGGGCCAGAAGAGAGGAATTGAAGGAACATATGCAGATCTCTGCACAAATAAGG
 ATCTGAAGAAAGCCATTTTGAAGATATGGTGAGGTTAGGAAAAGAAAGTGGACTCCATTCTTTGAGCA
 GGTTAAAGCCATTACATCCATTCTGACATGTTCTCAGTTCAAATGGCTTGCTGACACCAACACTAAAA
 GCTAAGAGACCTGAGCTGAGAGAGTACTTCAAAAAACAAATAGAAGAGCTTTACTCAATCTCCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211883 representing NM_001009185 Red=Cloning site Green=Tags(s) MLTFFLVSGGSLWLFVEFVLSLLEKMQTQEILRILRLPELGDLGQFFRSLSATTLVSMGALAAILAYWFT HRPKALQPPCNLLMQSEEVDSGGARRSVIGSGPQLLTHYYDDARTMYQVFRRLSISGNGPCLGFRKPK QPYQWLSYQEVADRAEFLGSGLLQHNCACKTDQFIGVFAQNRPEWIIIVELACYTYSMVVPLYDTLGPA IRYIINTADISTVIVDKPQKAVLLLEHVERKETPGLKLIILMDPFEEALKERGQKCGVVIKSMQAVEDCG QENHQAPVPPQDDLSIVCFSTGTTGNPKGAMLTGNNVADFSGFLKVTEKVIIFPRQDDVLISFLPLAHM FERVIQSVVYCHGGRVGGFFQGDIRLLSDDMKALCPTIFPVVPRLLNRMYSKIFSQANTPLKRWLLEFAAK RKQAEVRSGIIRNDISIWDELFFNKIQASLGGCVRMIVTGAAPASPTVLGFLRAALGCQVYEGYGQTECTA GCTFTTPGDWTSQGHVAPLPCNHIKLVDEELNYWACKGEGEICVRGPNVFKGYLKDPDRTEALDSDGW LHTGDIGKWLPGATLKIIDRKKHIFKLAQGEYVAPEKIENIYIRSQPVAQIYVHGDLSKAFVLGIVVPDP EVMPSWAQKRGIEGTYADLCTNKDLKKAILEDMMVRLGKESGLHSFEQVKAIHIHSDMFSVQNGLLTPTLK AKRPELREYFKKQIEELYSISM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001009185
ORF Size:	2166 bp
Buffer:	PBS with 0.001% Pluronic F6795
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_001009185.1</u>
RefSeq Size:	3047 bp
RefSeq ORF:	2169 bp
Locus ID:	23305
UniProt ID:	<u>Q9UKU0</u>
Cytogenetics:	5q31.1
MW:	80.4 kDa