

Product datasheet for **RC217537A1V**

Human ACSL3 (NM_203372) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACSL3 (NM_203372) AAV Particle
Tag:	Myc-DDK
Symbol:	ACSL3
Synonyms:	ACS3; FACL3; LACS 3; LACS3; PRO2194
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC217537 representing NM_203372
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAATAACCACGTGTCTTCAAACCATCTACCATGAAGCTAAACATACCATCAACCCTATTCTTTTAT
 ATTTTATACATTTTCTAATATCACTTTTATACTATTTTAAACATACATTCCGTTTTATTTTCTCCGAGTC
 AAGACAAGAAAAATCAAACCGAATTAAAGCAAAGCCTGTAAATTCAAACCTGATTCTGCATACAGATCT
 GTTAATAGTTTGGATGGTTTGGCTTCAGTATTATACCCTGGATGTGATACTTTAGATAAAGTTTTACAT
 ATGCAAAAAACAAATTTAAGAACAAAAGACTCTTGGGAACACGTGAAGTTTTAAATGAGGAAGATGAAGT
 ACAACCAAAATGGAAAAATTTTAAAAAGGTTATTCTTGGACAGTATAATTGGCTTTCCTATGAAGATGTC
 TTTGTTTCGAGCCTTTAATTTTGGAAATGGATTACAGATGTTGGGTCAGAAACCAAGACCAACATCGCCA
 TCTTCTGTGAGACCAGGGCCGAGTGGATGATAGCTGCACAGGCGTGTTCATGTATAATTTTTCAGCTTGT
 TACATTATATGCCACTCTAGGAGGTCCAGCCATTGTTTCATGCATTAAATGAAACAGAGGTGACCAACATC
 ATTACTAGTAAAGAACTCTTACAAACAAAGTTGAAGGATATAGTTTCTTGGTCCACGCTCGCGCACA
 TCATCACTGTTGATGGAAGCCACCGACCTGGTCCGAGTTCCTCAAGGGCATCATTGTGCATACCATGGC
 TGCAGTGGAGGCCCTGGGAGCCAAGGCCAGCATGGAACCAACCTCATAGCAAAACCATTGCCCTCAGAT
 ATTGCAGTAATCATGTACACAAGTGGATCCACAGGACTTCAAAGGGAGTCATGATCTCAGATAGTAACA
 TTATTGCTGGTATAACTGGGATGGCAGAAAGGATTCCAGAACTAGGAGAGGAAGATGTCTACATTGGATA
 TTTGCCTCTGGCCCATGTTCTAGAATTAAGTGTGAGCTTGTCTGCTTTCTCACGGATGCCGATTGGT
 TACTCTTCAACACAGACTTTAGCAGATCAGTCTTCAAAATTAAGGAGGAAAGCAAGGGGATACATCCA
 TGTTGAAACCAACACTGATGGCAGCAGTTCGGAAATCATGGATCGGATCTACAAAATGTCATGAATAA
 AGTCAGTGAAATGAGTAGTTTTCAACGTAATCTGTTTATTCTGGCCTATAATTACAAAATGGAACAGATT
 TCAAAAGGACGTAATACTCCACTGTGCGACAGCTTTGTTTTCCGAAAGTTTGAAGCTTGCTAGGGGAA
 ATATTCGTCTCCTGTTGTGTGGTGGCGCTCCACTTTCTGCAACACGCGAGCTTCATGAACATCTGTTT
 CTGCTGCTCCTGTTGGTCAGGGATACGGGCTCACTGAATCTGCTGGGGCTGGAACAATTTCCGAAGTGTGG
 GACTACAATACTGGCAGAGTGGGAGCACCATTAGTTTGTGTGAAATCAAATTAAGAACTGGGAGGAAG
 GTGGATACTTTAATACTGATAAGCCACACCCAGGGGTGAAATCTTATTGGGGCCAAAGTGTGACAAAT
 GGGGTACTACAAAATGAAGCAAAAACAAAGCTGATTTCTTTGAAGATGAAATGGACAAAGGTGGCTC
 TGTACTGGGGATATTGGAGAGTTTGAACCCGATGGATGCTTAAAGATTATTGATCGTAAAGGACCTTG
 TAAAACTACAGGCAGGGGAATATGTTTCTCTTGGGAAAGTAGAGGCAGCTTTGAAGAATCTTCCACTAGT
 AGATAACATTTGTGCATATGCAACAGTTATCATTCTTATGTCATTGGATTTGTTGTGCCAAATCAAAAG
 GAACTAACTGAAGTAGCTCGAAAGAAAGGACTTAAAGGGACTTGGGAGGAGCTGTGTAACAGTTGTGAA
 TGGAAATGAGGTACTTAAAGTGCTTTCCGAAGCTGCTATTTACAGCAAGCTGGAAAAGTTTGAATTCC
 AGTAAAAATTCGTTTGTGCTGACCCGTTGACCCCTGAACTGGTCTGGTGACAGATGCCTTCAAGCTG
 AAACGCAAGAGCTTAAACACATTACCAGGCGGACATTGAGCGAATGTATGGAAGAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217537 representing NM_203372 Red=Cloning site Green=Tags(s) MNNHVSSKPKSTMLKHTINPILLYFIHFLISLYTILTYIPFYFFSESQRQEKSNRIKAKPVNSKPD SAYRS VNSLDGLASVLYPGCDTLDKVFTYAKNFKKNRLLGTREVLNEEDEVPNGKIFKKVILGQYNWLSYEDV FVRAFNFNGQLQMLGQKPKTNIAIFCETRAEWMIAAQACFMYNFQLVTLATLGGPAIVHALNETEVTNI ITSKELLQTKLKDIVSLVPRLRHIITVDGKPPTWSEFPKGIIVHTMAAVEALGAKASMENQPHSKPLPSD IAVIMYTSGSTGLPKGVMISHSNIAGITGMAERIPELGEEDVYIGYPLAHVLELSAELVCLSHGCRIG YSSPQTLADQSSKIKKGSKGDTSMKPTLMAAVPEIMDRIYKNVMNKVSEMSSFQRNLFILAYNYKMEQI SKGRNTPLCDSFVRKVRSLGGINRLLCGGAPLSATTQRFMNICFCPPVGGYGLTESAGAGTISEVW DYNTGRVGAPLVCCEIKLNWEEGGYFNTDKPHPRGEILIGGQSVTMGYKNEAKTKADFFEDENGQRWL CTGDIGEFEPDGCLKIIDRKKDLVKLQAGEYVSLGKVEAALKNLPLVDNICAYANSYHSYVIGFVVPNQK ELTELARKKGLKGTWEELCNCEMENEVLKVLSEAAISASLEKFEIPVKIRLSPEPWTPETGLVTDFAKL KRKELKTHYQADIERMYGRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_203372
ORF Size:	2160 bp
Buffer:	PBS with 0.001% Pluronic F7707
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_203372.1</u>
RefSeq Size:	4262 bp
RefSeq ORF:	2163 bp
Locus ID:	2181
UniProt ID:	<u>O95573</u>
Cytogenetics:	2q36.1
MW:	80.2 kDa