

Product datasheet for **RC204368A1V**

Human ACSF2 (NM_025149) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACSF2 (NM_025149) AAV Particle
Tag:	Myc-DDK
Symbol:	ACSF2
Synonyms:	ACSMW; AVYV493
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204368 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCTGTCTACGTCGGGATGCTGCGCCTGGGAGGCTGTGCGCCGGGAGCTCGGGGGTCTGGGGGCC
 GGGCCGCCCTCTCTCGGAGTTGGCAGGAAGCCAGGTTGCAGGGTGTCCGCTTCCTCAGTTCCAGAGAGGT
 GGATCGCATGGTCTCCACGCCCATCGGAGGCCTCAGCTACGTTAGGGGTGCACCAAAAGCATCTTAAC
 AGCAAGACTGTGGTCCAGTGCCTGGAGACCACAGCACAGAGGGTCCCAGAACGAGAGGCCTTGGTCGTCC
 TCCATGAAGACGTCAGGTTGACCTTTGCCCACTCAAGGAGGAGGTGGACAAAGCTGTTCTGGCCTCT
 GAGCATTGGCCTCTGCAAGGTGACCGGCTGGGCATGTGGGGACCTAATCCTATGCATGGGTGCTCATG
 CAGTTGGCCACCGCCAGGCGGGCATCATTCTGGTGTCTGTGAACCCAGCCTACCAGGCTATGAACTGG
 AGTATGTCTCAAGAAGGTGGGCTGCAAGGCCCTTGTGTTCCCAAGCAATTCAAGACCCAGCAATACTA
 CAACGTCTGAAGCAGATCTGTCCAGAAGTGGAGAATGCCAGCCAGGGGCCCTGAAGAGTCAGAGGCTC
 CCAGATCTGACCACAGTCATCTCGGTGGATGCCCTTTGCCGGGGACCTGCTCCTGGATGAAGTGGTGG
 CGGCTGGCAGCACACGGCAGCATCTGGACCAGCTCCAATAACAACCAGCAGTTCCTGTCTGCCATGACCC
 CATCAACATCCAGTTCACCTCGGGGACAACAGGCAGCCCCAAGGGGGCCACCCTCTCCCACTACAACATT
 GTCAACAACTCCAACATTTTAGGAGAGCGCCTGAACTGCATGAGAAGACACCAGAGCAGTTGCGGATGA
 TCCTGCCCAACCCCTGTACCATTGCCTGGGTTCCGTGGCAGGCACAATGATGTGTCTGATGTACGGTGC
 CACCCTCATCTGGCCTCTCCCATCTTCAATGGCAAGAAGGCACTGGAGGCCATCAGCAGAGAGAGAGGC
 ACCTTCTGTATGGTACCCCAAGATGTTCTGTGGACATTCTGAACAGCCAGACTTCTCCAGTTATGACA
 TCTCGACCATGTGTGGAGGTGTCATTGCTGGTCCCCTGCACCTCCAGAGTTGATCCGAGCCATCATCAA
 CAAGATAAATATGAAGGACCTGGTGGTTGCTTATGGAACCAAGAGAACAGTCCCGTGACATTGCGGCAC
 TTCCCTGAGGACACTGTGGAGCAGAAGGCAGAAAGCGTGGGCAGAATTATGCCTCACACGGAGGCGCGGA
 TCATGAACATGGAGGCAGGGACGCTGGCAAAGCTGAACACGCCCGGGAGCTGTGCATCCGAGGGTACTG
 CGTCATGCTGGGCTACTGGGTGAGCCTCAGAAGACAGAGGAAGCAGTGGATCAGGACAAGTGGTATTGG
 ACAGGAGATGTCGCCACAATGAATGAGCAGGGCTTCTGCAAGATCGTGGGCCGCTCTAAGGATATGATCA
 TCCGGGGTGGTGAACAATCTACCCCGCAGAGCTCGAGGACTTCTTTCACACACCCGAAGGTGCAGGA
 AGTGCAGGTGGTGGGAGTGAAGGACGATCGGATGGGGGAAGAGATTTGTGCTGCATTGCGCTGAAGGAC
 GGGGAGGAGACCAGGTGGAGGAGATAAAGCTTTCTGCAAAGGGAAGATCTCTCACTTCAAGATTCCGA
 AGTACATCGTGTGTGTACAAACTACCCCTCACCATTTCAGGAAAGATCCAGAAATTCAAACCTCGAGA
 GCAGATGGAACGACATCTAAATCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204368 protein sequence
 Red=Cloning site Green=Tags(s)

MAVYVGMRLRLRLCAGSSGVLGARAALRSWQEARLQGVRFSSREVDVMVSTPIGGLSYVQGCTKKHLN
 SKTVVQCLETTAQRVPEREALVVLHEDVRLTFAQLKEEVDKAASGLLSIGLCKGDRLGMWGPNSYAWVLM
 QLATAQAGIILVSNPAYQAMELEYVLKKVGCKALVFPKQFKTQQYYNVLKQICPEVENAQPGALKSQRL
 PDLTTVISVDAPLPGTLLLDVVAAGSTRQHLQQLQYNQFLSCHDPINIQFTSGTTGSPKGATLSHYN
 VNNSNILGERLKLHEKTPEQLRMILPNLYHCLGSVAGTMMCLMYGATLILASPIFNGKKALEAISRERG
 TFLYGTPTMFVDILNQPDFSSYDISTMCGGVIAGSPAPPELIRAIINKINMKDLVVAYGTTENSPVTF
 FPDTEVEQKAESVGRIMPHTEARIMNMEAGTLAKLNTGELCIRGYCVMLGYWGEPPQKTEEAVDQDKWY
 TGDVATMNEQGFCKIVGRSKDMIIRGGENIYPAELEDFFHHPKVQEVQVVGKDDRMGEEICACIRLKD
 GEETTVEEIKAFCKGKISHFKIPKYIVFTNYPLTISGKIQKFKLREQMERHLNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_025149
ORF Size:	1845 bp
Buffer:	PBS with 0.001% Pluronic F5566
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_025149.3, NP_079425.2</u>
RefSeq Size:	2245 bp
RefSeq ORF:	1848 bp
Locus ID:	80221
UniProt ID:	<u>Q96CM8</u>
Cytogenetics:	17q21.33
MW:	68.2 kDa