

Product datasheet for **RC204260A1V**

Human Acetyl CoA synthetase (ACSS2) (NM_018677) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Acetyl CoA synthetase (ACSS2) (NM_018677) AAV Particle
Tag:	Myc-DDK
Symbol:	ACSS2
Synonyms:	ACAS2; ACECS; AceCS1; ACS; ACSA; dj1161H23.1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204260 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGCTTCCTGAGGAGCGGGTCCGGAGCGGCAGCGGGAGCCGGGGCCAGGAGGAAGCTGGAGCCGGAG
GCCGGGCGCGGAGTTGGTCTCCGCCGCCGAGGTCAAGCGCTCCGCGCACGTCCCCTCGCTGCAGCGCTA
CCGCGAGCTGCACCGGCCTCCGTGGAGGAGCCGCGGAATTCTGGGAGACATTGCCAAGGAATTTTAC
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TGGAGTCAGCACTTGTGGAACATGAGGCTGTTGCAGAGGCAGCTGTGGTGGGCCACCCTCATCCTGTGAA
GGGTGAATGCCTCTACTGCTTTTTCACCTTGTGTGATGGCCACACCTTACGCCCCAAGCTCACCGAGGAG
CTCAAGAAGCAGATTAGAGAAAAGATTGGCCCCATTGCCACACAGACTACATCCAGAATGCACCTGGCT
TGCCTAAACCCGCTCAGGGAAAATCATGAGGCGAGTGCTTCGGAAGATTGCTCAGAATGACCATGACCT
CGGGGACATGTCTACTGTGGCTGACCCATCTGTATCAGTCACTCTTCAGCCACCGCTGCCTGACCATC
CAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204260 protein sequence Red=Cloning site Green=Tags(s) MGLPEERVRSRSGSRGQEEAGAGGRARSWSPPEVSRSAHVPSLQRYRELHRRSVVEEPREFWGDIAKEFY WKTPCPGPFLRYNFDVTGKIFIEWMKGATTNICYNVLDNRVHEKKLGDKVAFYWEGNEPGETTQITYHQ LLVQVCQFSNVLKQGIQKGDRAIYMPMPELVVAMLACARIGALHSIVFAGFSSESLCERILDSSCSL LITDAFYRGEKLVNLKELADEALQKCQEKGFVVRCCIVVKHLGRAELGMDSTSQSPPIKRSCPDVQIS WNQGIDLWWHELMQEAGDECEPEWCDADPLFILYTSGSTGKPKGVVHTVGGYMLYVATTFKYVDFHAE DVFWCTADIGWITGHSYVTYGPLANGATSVLFEGIPTYPDVNRLWSIVDKYKVKFYTAPTAIRLLMKFG DEPVTKHRSASLQVLGTVGEPINPEAWLWYHRVVGARCPIVDTFWQTETGGHMLTPLGATPMKPGSAT FPFFGVAPAILNESGEELEGEAEGYL VFKQPWPGIMRTVYGNHERFETTYFKKFGYYVTGDGCQRDQDG YYWITGRIDDMNLVSGHLLSTAEVESALVEHEAAVAVGHPHPVKGECLYCFFTLCDGHTFSPKLTEE LKKQIREKIGPIATPDYIQNAPGLPKTRSGKIMRRVLRKIAQNDHDLGDMSTVADPSVISHLFSHRCLTI Q TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_018677
ORF Size:	2103 bp
Buffer:	PBS with 0.001% Pluronic F5543
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_018677.2</u>
RefSeq Size:	2988 bp
RefSeq ORF:	2106 bp
Locus ID:	55902
UniProt ID:	<u>Q9NR19</u>
Cytogenetics:	20q11.22
MW:	78.6 kDa