

Product datasheet for **RC206247A1V**

Human Acetoacetyl CoA synthetase (AACS) (NM_023928) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Acetoacetyl CoA synthetase (AACS) (NM_023928) AAV Particle
Tag:	Myc-DDK
Symbol:	AACS
Synonyms:	ACSF1; SUR-5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206247 representing NM_023928
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCCAAGGAGGAGCGCCCCGGTCGGGAGGAGATCCTGGAGTGCCAGGTGATGTGGGAGCCTGACAGTA
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 TGATGACTTGTACCATTTGGTCCGTTGAGTCATATTCAGACTTCTGGGCAGAGTTCTGAAATTCAGTGGA
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 CATTGCAAGGGAAGGCAAGAGGAAATTTGAAGGTGACTTTTGAAGAGCTGAGGCAAGAAGTGGCTTTG
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 AATTCCCAGGTATCTGGGCTCATGGCGACTACTGCAGAATCAACCCCAAGACCGGGGGCATCGTCATGCT
 TGGCCGGAGTGACGGCACCTCAACCCCAACGGGGTGGGTTCCGGCAGCTCGGAAATCTATAACATTGTG
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 TCCTCTTCTGAAGATGGCTCCGGGCACGCCTTCCAGCCTGACTTGGTTAAGAGGATCCGTGACGCCAT
 CCGCATGGGCTTGTCTGCGCGACACGTGCCAGCCTCATCTGGAACCAAGGGCATCCCGTATACGCTC
 AACGGCAAGAAAGTGGAAGTTGCCGTCAAACAGATCATCGCTGGAAAAGCCGTGGAGCAAGGAGGTGCTT
 TCTCGAACCCGAGACCTGGATCTGTACCGGGACATCCCTGAGCTGCAGGGCTTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206247 representing NM_023928 Red=Cloning site Green=Tags(s) MSKEERPGREEILECQVMWEPDSKKNTQMDRFRAAVGAACGLALESYDDLYHWSVESYSDFWAEFWKFSG IVFSRVYDEVVDTSGGIADVPEWFKGSRLNYAENLLRHKENDRVALYIAREGKEEIVKVTFEELRQEVAL FAAAMRKMGVKKGDRVVGYPNSEHAVEAMLAASIGAIWSSTSPDFGVNGVLDLDRFSQIQPKLIFSVEAV VYNGKEHNHMEKLQQVVKGLPDLKKVVVIPYVSSRENIDLSKIPNSVFLDDFLATGTSEQAPQLEFEQLP FSHPLFIMFSSGTTGAPKCMVHSAGGTLIQHLKEHLLHGNMTSSDILLCYTTVGWMMWNWMSLLATGAA MVLVDGSPLVPTPNVLWDLVDRIGITVLVTGAKWLSVLEEKAMKPVETHSLQMLHTILSTGSPLKAQSYE YYVRCIKSSILLGSISGGTDIISCFMGHNFSLPYKGEIQARNLGMAVEAWNEEGKAVWGESGELVCTKP IPCQPTHFWNDENGKYNKAYFSKPGIWAHGDYCRINPKTGGIVMLGRSDGTLNPNNGVRFGSSSEIYNIV ESFEEVEDSLCVPQYNKYREERVILFLKMASGHAFQPDLVKIRDAIRMGLSARHVPSLIETKGIPYTL NGKKVEVAVKQIIAGKAVEQGGAFSNPETLDLYRDIPELQGF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_023928
ORF Size:	2016 bp
Buffer:	PBS with 0.001% Pluronic F5852
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_023928.2</u>
RefSeq Size:	3329 bp
RefSeq ORF:	2019 bp
Locus ID:	65985
UniProt ID:	<u>Q86V21</u>
Cytogenetics:	12q24.31
MW:	75 kDa