

Recombinant Full Length Human ACSS3 Protein, GST-tagged

Cat. No. ACSS3-815HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACSS3 full-length ORF (NP_078836.1, 1 a.a. - 686 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	686 amino acids
Description	ACSS3 (Acyl-CoA Synthetase Short-Chain Family Member 3) is a Protein Coding gene. Among its related pathways are Metabolism and ethanol degradation II. GO annotations related to this gene include acetate-CoA ligase activity. An important paralog of this gene is ACSS2.
Molecular Mass	101.2 kDa
AA Sequence	MKPSWLQCRK VTSAGGLGGP LPGSSPARGA GAALRALVVP GPRGGLGGRG CRALSSGSGS EYKTHFAASV TDPERFWGKA AEQISWYKPW TKTLENKHSP STRWFVEGML NICYNAVDRH IENGKGDKIA IYDSPVTNT KATFTYKEVL EQVSKLAGVL VKHGIKKGDT VVIYMPMIPQ AMYTMLACAR IGAIHSLIFG GFASKELSSR IDHVKPKVVV TASFGIEPGR RVEYVPLVEE ALKIGQHKPD KILIYNRPNM EAVPLAPGRD LDWDEEMAKA QSHDCVPVLS EHPLYILYTS GTTGLPKGVI RPTGGYAVML HWSMSSYGL QPGEVWWAAS DLGWVVGHSY ICYGPLLHGN TTVLYEGKPV GTPDAGAYFR VLAEHGVAAL FTAPTAIRAI RQQDPGAALG KQYSLTRFKT LfvagerCDV EtlewskNVF RVPVLDHWWQ

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TETGSPITAS CVGLGNSKTP PPGQAGKSVP GYNVMILDDN MQKLKARCLG
 NIVVKLPLPP GAFSGLWKNQ EAFKHLYFEK FPGYYDTMDA GYMDEEGYLY
 VMSRVDDVIN VAGHRISAGA IEESILSHGT VADCAVVGKE DPLKGHVPLA
 LCVLRKDINA TEEQVLEEIV KHVRQNIGPV AAFRNAVFVK QLPKTRSGKI
 PRSALSAIVN GKPYKITSTI EDPSIFGHVE EMLKQA

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [ACSS3 acyl-CoA synthetase short-chain family member 3 \[Homo sapiens \]](#)

Official Symbol [ACSS3](#)

Synonyms ACSS3; acyl-CoA synthetase short-chain family member 3; acyl-CoA synthetase short-chain family member 3, mitochondrial; FLJ21963; AMP-binding enzyme, 33217

Gene ID [79611](#)

mRNA Refseq [NM_024560](#)

Protein Refseq [NP_078836](#)

MIM [614356](#)

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UniProt ID

Q9H6R3

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