

Recombinant Human ACSS1 Protein, GST-tagged

Cat. No. ACSS1-208H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACSS1 full-length ORF (BAC03530.1, 1 a.a. - 157 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a mitochondrial acetyl-CoA synthetase enzyme. A similar protein in mice plays an important role in the tricarboxylic acid cycle by catalyzing the conversion of acetate to acetyl CoA. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]
Molecular Mass	43.7 kDa
AA Sequence	MKLKCIFGFATKETSCYNVTNIGFKSPSDFWQSVHSTLPRELAPCLVFNTSPNLALFS AAFAFIVVKDSAGDSVVVQELKSMVATKIAKYAVPDEILVVKRLPKTRSGKVMRRL RKIITSEAQELGDTTTLTDPSIIAEILSVYQKCKDKQAAAK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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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 [ACSS1 acyl-CoA synthetase short-chain family member 1 \[Homo sapiens \]](#)

Official Symbol [ACSS1](#)

Synonyms

ACSS1; acyl-CoA synthetase short-chain family member 1; ACAS2L, acetyl Coenzyme A synthetase 2 (AMP forming) like; acetyl-coenzyme A synthetase 2-like, mitochondrial; AceCS2L; dJ568C11.3; MGC33843; acetate--CoA ligase 2; ACAS2L; ACECS1; FLJ45659;

Gene ID [84532](#)

mRNA Refseq [NM_001252675](#)

Protein Refseq [NP_001239604](#)

MIM [614355](#)

UniProt ID [Q9NUB1](#)

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