

Recombinant Human AACS protein, His-tagged

Cat. No. AACS-3338H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AACS protein(NP_076417.2) (Met 1-Phe 672) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-672 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4.
Molecular Mass	The recombinant human AACS consists of 690 amino acids and predicts a molecular mass of 77 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 96 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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protein Refseq-Weblink http://www.ncbi.nlm.nih.gov/protein/NP_076417.2

Unit ID Q86V21

Unit ID-Weblink <https://www.uniprot.org/uniprotkb/Q86V21>

GENE INFORMATION

Gene Name [AACS acetoacetyl-CoA synthetase \[Homo sapiens \]](#)

Official Symbol [AACS](#)

Synonyms AACS; acetoacetyl-CoA synthetase; ACSF1; acyl CoA synthetase family member 1; FLJ12389; SUR 5; protein sur-5 homolog; acetoacetate-CoA ligase; acyl-CoA synthetase family member 1; homolog of C. elegans supressor of ras 5 (sur-5); SUR-5;

Gene ID [65985](#)

mRNA Refseq [NM_023928](#)

protein Refseq NP_076417

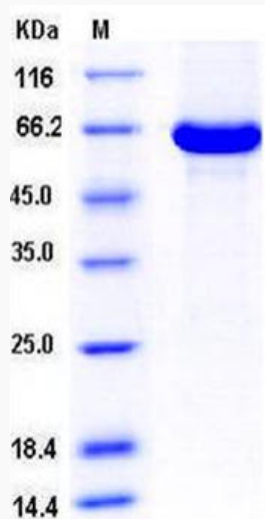
MIM [614364](#)

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SDS-PAGE



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