

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.

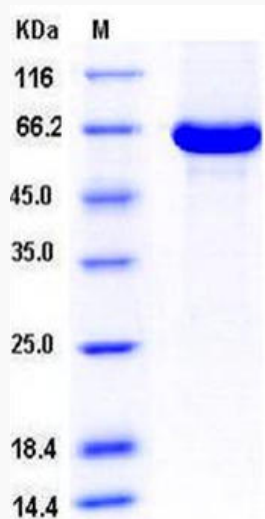
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protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_076417.2
Unit ID	Q86V21
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/Q86V21
GENE INFORMATION	
Gene Name	AACS acetoacetyl-CoA synthetase [Homo sapiens]
Official Symbol	AACS
Synonyms	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

SDS-PAGE



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