

## Recombinant Human ACAA1 protein, GST-tagged

Cat. No. ACAA1-3733H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ACAA1 protein(117-424 aa), fused with N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	117-424 aa
<b>Tag</b>	N-GST
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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**AA Sequence**

STVNRQCSSGLQAVASIAGGIRNGSYDIGMACGVESMSLADRGNPGNITSRLMEKE  
 KARDCLIPMGITSENVAFERFGISREKQDTFALASQQKAARAQSKGCFQAEIVPVTITV  
 HDDKGTKRSITVTQDEGIRPSTTMEGLAKLKPFAFKKDGSTTAGNSSQVSDGAAAILL  
 ARRSKAEELGLPILGVLRSYAVVGVPPDIMGIGPAYAIPVALQKAGLTVSDVDIFEINE  
 AFASQAAYCVEKLRLLPPEKVNPLGGAAVALGHPLGCTGARQVITLLNELKRRGKRAY  
 GVVSMCIGTGMGAAAVFEYPGN

**GENE INFORMATION**

**Gene Name** [ACAA1 acetyl-CoA acyltransferase 1 \[ Homo sapiens \]](#)

**Official Symbol** [ACAA1](#)

**Synonyms**

ACAA1; acetyl-CoA acyltransferase 1; acetyl Coenzyme A acyltransferase 1; 3-ketoacyl-CoA thiolase, peroxisomal; peroxisomal 3 oxoacyl Coenzyme A thiolase; beta-ketothiolase; peroxisomal 3-oxoacyl-CoA thiolase; acetyl-Coenzyme A acyltransferase 1; peroxisomal 3-oxoacyl-Coenzyme A thiolase; ACAA; THIO; PTHIO;

**Gene ID** [30](#)

**mRNA Refseq** [NM\\_001130410](#)

**Protein Refseq** [NP\\_001123882](#)

**MIM** [604054](#)

**UniProt ID** [P09110](#)

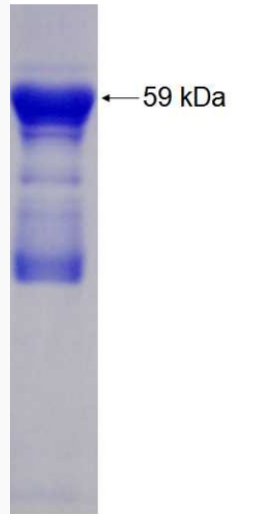
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SDS-PAGE



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