

## Recombinant Human ACAT2 protein, GST-tagged

Cat. No. ACAT2-9277H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ACAT2 protein(1-397 aa), fused with N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-397 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>	90%, 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**

MNAGSDPVVIVSAARTIIGSFNGALAAVPVQDLGSTVIKEVLKRATVAPEDVSEVIFG  
 HVLAAGCGQNPVRQASVVGAGIPYSVPAWSCQMICGSLKAVCLAVQSIGIGDSSIVV  
 AGGMENMSKAPHLAYLRTGVKIGEMPLTDSILCDGLTDAFHNMCHMGITAENVAKKW  
 QVSREDQDKVAVLSQNRTEANAQKAGHFDKEIVPVLVSTRRGLIEVKTDEFPRHGSNI  
 EAMSKLKPYPFLTDGTGTVPANASGINDGAAAVVLMKKSEADKRGLTPLARIVSWSQ  
 VGVESIMGIGPIPAIKQAVTKAGWSLEDVDIFEINEAFAAVSAAIVKELGLNPEKVNIE  
 GGAIALGHPLGASGCRILVTLHTLERMGRSRGVAALCIGGGMGIAMCVQRE

## GENE INFORMATION

**Gene Name**

[ACAT2 acetyl-CoA acetyltransferase 2 \[ Homo sapiens \]](#)

**Official Symbol**

[ACAT2](#)

**Synonyms**

ACAT2; acetyl-CoA acetyltransferase 2; acetyl Coenzyme A acetyltransferase 2 ,  
 acetyl Coenzyme A acetyltransferase 2 (acetoacetyl Coenzyme A thiolase); acetyl-  
 CoA acetyltransferase, cytosolic; acetoacetyl Coenzyme A thiolase; cytosolic  
 acetoacetyl-CoA thiolase; acetyl-CoA transferase-like protein;

**Gene ID**

[39](#)

**mRNA Refseq**

[NM\\_005891](#)

**Protein Refseq**

[NP\\_005882](#)

**MIM**

[100678](#)

**UniProt ID**

[Q9BWD1](#)

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SDS-PAGE



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