

Recombinant Human ACAT2 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ACAT2 protein(1-397 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-397 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	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
 HVLAAGCGQNPVRQASVGAGIPYSVPAWSCQMICGSGLKAVCLAVQSIGIGDSSIVV
 AGGMENMSKAPHLAYLRTGVKIGEMPLTDSILCDGLTDAFHNCHMGITAENVAKKW
 QVSREDQDKVAVLSQNRTEAQAQAGHFDKEIVPVLVSTRRGLIEVKLTDEFPRHGSNI
 EAMSKLKPFLTDGTGTPTANASGINDGAAAVVLMKKSEADKRGLTPLARIVSWSQ
 VGVEPSIMGIGPIPAIKQAVTKAGWSLEDVDIFEINEAFAAVSAAIVKELGLNPEKVNIE
 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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