

Recombinant Human ACAT2 protein, His&Myc-tagged

Cat. No. ACAT2-491H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACAT2 protein(Q9BWD1)(1-397aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-397aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	48.8 kDa
AA Sequence	MNAGSDPVVIVSAARTIIGSFNGALAAVPVQDLGSTVIKEVLKRATVAPEDVSEVIFG HVLAAGCGQNPVRQASVAGIPYSVPAWSCQMICGSLKAVCLAVQSIGIGDSSIVV AGGMENMSKAPHLAYLRTGVKIGEMPLTDSILCDGLTDAFHNCHMGITAENVAKKW QVSREDQDKVAVLSQNRTEANAQKAGHFDKEIVPVLVSTRKGLIEVKTDEFPRHGSNI EAMSKLKPFLTDGTGTVPANASGINDGAAAVVLMKKSEADKRGLTPLARIVSWSQ VGVEPSIMGIGPIPAIKQAVTKAGWSLEDVDIFEINEAFAAVSAAIVKELGLNPEKVNIE GGAIALGHPLGASGCRILVTLHTLERMGRSRGVAALCIGGGMGIAMCVQRE
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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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