Recombinant Human ACAT1 protein

Cat. No. ACAT1-2475H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACAT1 protein(P24752)(34-427aa), fused to Tag-Free, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	34-427aa
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	41.4 kDa
AA Sequence	VSKPTLKEVVIVSATRTPIGSFLGSLSLLPATKLGSIAIQGAIEKAGIPKEEVKEAYMGN VLQGGEGQAPTRQAVLGAGLPISTPCTTINKVCASGMKAIMMASQSLMCGHQDVM VAGGMESMSNVPYVMNRGSTPYGGVKLEDLIVKDGLTDVYNKIHMGSCAENTAKKL NIARNEQDAYAINSYTRSKAAWEAGKFGNEVIPVTVTVKGQPDVVVKEDEEYKRVDF SKVPKLKTVFQKENGTVTAANASTLNDGAAALVLMTADAAKRLNVTPLARIVAFADA AVEPIDFPIAPVYAASMVLKDVGLKKEDIAMWEVNEAFSLVVLANIKMLEIDPQKVNIN GGAVSLGHPIGMSGARIVGHLTHALKQGEYGLASICNGGGGASAMLIQKL
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	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	ACAT1 acetyl-CoA acetyltransferase 1 [Homo sapiens]
Official Symbol	ACAT1
Synonyms	ACAT1; acetyl-CoA acetyltransferase 1; ACAT, acetyl Coenzyme A acetyltransferase 1; acetyl-CoA acetyltransferase, mitochondrial; acetoacetyl Coenzyme A thiolase; THIL; acetoacetyl-CoA thiolase; acetyl-Coenzyme A acetyltransferase 1; mitochondrial acetoacetyl-CoA thiolase; T2; MAT; ACAT;
Gene ID	38
mRNA Refseq	NM_000019
Protein Refseq	NP_000010
MIM	607809
UniProt ID	P24752

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