

Recombinant Human ACAT1 protein, His-tagged

Cat. No. ACAT1-7542H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACAT1 protein(P24752)(34-427aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	34-427a.a.
Tag	His
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	48.3 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°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

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

VSKPTLKEVVIVSATRTPIGSFLGSLSLLPATKLGSAIQGAIEKAGIPKEEVKEAYMGN
 VLQGGEGQAPTRQAVLGAGLPSTPCTTINKVCASGMKAIMMASQSLMCGHQDVM
 VAGGMESMSNVPYVMNRGSTPYGGVKLEDLIVKDGLTDVYNKIHMGSCAENTAKKL
 NIARNEQDAYAINSYTRSKAAWEAGKFGNEVIPVTVTVKGQPDVVKEDDEEYKRVDF
 SKVPKLKTVFQKENGTVTAANASTLNDGAAALVMTADAAKRLNVTPLARIVAFADA
 AVEPIDFPIAPVYAASMLKDVGLKKKEDIAMWEVNEAFSLVVLANIKMLEIDPQKVNIN
 GGAVSLGHPIGMSGARIVGHLTHALKQGEYGLASICNGGGGGASAMLIQKL

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

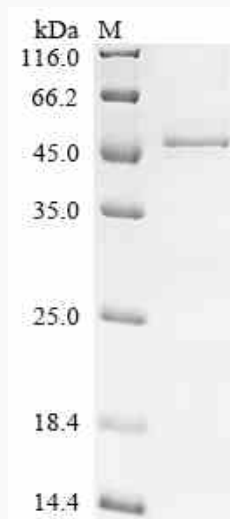
[P24752](#)

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SDS-PAGE



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