

# Human ACAT1 Recombinant Protein



RPPB5771

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## Product Information    Protein Information

**Product SKU:**

RPPB5771

**Accession:**

P24752

**Host:**

E.coli.

**Protein description:**

ACAT1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 417 amino acids (34-427) and having a molecular mass of 43.8 kDa. ACAT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Acetyl-CoA acetyltransferase, mitochondrial, EC 2.3.1.9, Acetoacetyl-CoA thiolase, T2, ACAT1, ACAT, MAT, THIL.

**Formulation:**

The ACAT1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 0.1M NaCl, 10% glycerol and 1mM DTT.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSVSKPTLK EVVIVSATRT PIGSFLGSL SLLPATKLSI AIQGAIEKAG  
IPKEEVKEAY MGNVLQGGEG QAPTRQAVLG AGLPISTPCT TINKVCASGM KAIMMASQSL MCGHQDVMVA  
GGMESMSNVP YVMNRGSTPY GGVKLEDLIV KDGLTDVYNKIHMGSCAENT AKKLNIARNE QDAYAINS  
YTSKAAWEAGK FGNEVIPVTV TVKGQPDVVV KEDEEYKRVD FSKVPKTKTV FQKENGTVTA ANASTLNDGA  
AALVLMTADA AKRLNVTPLA RIVAFADAAV EPIDFPIAPV YAASMLKDV GLKKEDIAMW EVNEAFSLV  
LANIKMLEIDPQKVNINGGA VSLGHPIGMS GARIVGHLTH ALKQGEYGLA SICNGGGGAS AMLIQKL