

Product Name: ACAT1 Protein Protein, Human

Cat. No.: MRPS-2505-CXX-30

Package: 50 µg/100 µg

Description

ACAT1 Protein, Human, a key enzyme in mitochondrial beta-oxidation, catalyzes the thiolytic cleavage of 3-oxoacyl-CoA to produce acetyl-CoA and shortened fatty acyl-CoA. This recombinant human ACAT1 is expressed in *E. coli* without a tag.

Product Details

Purity: Greater than 90 % as determined by reducing SDS-PAGE.

Molecular Weight: 41.4 kDa

Appearance: Lyophilized powder

Formulation: Lyophilized from a 0.22 µm filtered solution of Tris-based buffer, 50% glycerol.

Species: Human

Source: *E. coli*

Accession: P24752-1 (V34-L427)

Gene ID: 38

Alternative Names: Acetyl-CoA Acetyltransferase; THIL; ACAT; Acetyl-CoA Acetyltransferase, Mitochondrial; Acetyl-Coenzyme A Acetyltransferase; Acetoacetyl Coenzyme A Thiolase; Acetoacetyl-CoA Thiolase; EC 2.3.1.9; MAT; T2; Mitochondrial Acetoacetyl-CoA Thiolase; Testicular

Tag: Free

Endotoxin Level: <1 EU/µg, determined by LAL method.

Shipping Conditions: Room Temperature

Storage Information: Stable at -20°C for 2 years. After reconstitution, store at 4°C for 1 week or -20°C (with carrier protein) for longer. Aliquot and freeze at -20°C/-80°C for extended storage.

 For preclinical research and development use only; not intended for therapeutic or other applications.