

Product: Acetyl-Coenzyme A Acetyltransferase 2 (ACAT2), human, recombinant
Catalog #: 12-4344
Amount: 5 µg

DESCRIPTION: Recombinant human Acetyl-Coenzyme A Acetyltransferase (rHuACAT2) Acetyl-Coenzyme A acetyltransferase 2 is an enzyme involved in lipid metabolism. Reported patients with ACAT2 deficiency have shown severe mental retardation and hypotonus. The ACAT2 gene shows complementary overlapping with the 3 prime region of the TCPI gene in both mouse and human. These genes are encoded on opposite strands of DNA, as well as in opposite transcriptional orientation.
Recombinant Human ACAT-2 produced in E.Coli is a non-glycosylated, polypeptide chain containing amino acids 1-397 and having a total molecular mass of 41.3 kda.
rhACAT2 contains T7 tag at N-terminus and is purified by proprietary chromatographic techniques.

SOURCE: *Escherichia coli*

PURITY: > 95%, as determined by:
Analysis by reducing and non-reducing SDS-PAGE Coomassie blue staining

APPLICATION:

- ELISA
- MS
- Inhibition Assays
- Western Blotting

FORM: Purified, in 10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN₃, 0.1% BSA

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

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