

Recombinant Human ACAT2, T7 -tagged

Cat. No. ACAT2-26052TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein (Human) fused to T7-tag at N-terminal end.
Species	Human
Source	E.coli
Description	The product of this gene is an enzyme involved in lipid metabolism, and it encodes cytosolic acetoacetyl-CoA thiolase. This gene shows complementary overlapping with the 3-prime region of the TCP1 gene in both mouse and human. These genes are encoded on opposite strands of DNA, as well as in opposite transcriptional orientation.
Conjugation	T7
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium Azide Constituents: 0.1% Triton-X-100, 10mM Tris, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the thiolase family.

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Full Length	Full L.
GENE INFORMATION	
Gene Name	ACAT2 acetyl-CoA acetyltransferase 2 [Homo sapiens]
Official Symbol	ACAT2
Synonyms	ACAT2; acetyl-CoA acetyltransferase 2; acetyl Coenzyme A acetyltransferase 2 , acetyl Coenzyme A acetyltransferase 2 (acetoacetyl Coenzyme A thiolase); acetyl-CoA acetyltransferase, cytosolic; acetoacetyl Coenzyme A thiolase;
Gene ID	39
mRNA Refseq	NM_005891
Protein Refseq	NP_005882
MIM	100678
Uniprot ID	Q9BWD1
Chromosome Location	6q25.3-q26
Pathway	Butanoate metabolism, organism-specific biosystem; Butanoate metabolism, conserved biosystem; C5 isoprenoid biosynthesis, mevalonate pathway, organism-specific biosystem; C5 isoprenoid biosynthesis, mevalonate pathway, conserved biosystem; Fat digestion and absorption, organism-specific biosystem;
Function	acetyl-CoA C-acetyltransferase activity; transferase activity, transferring acyl groups

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other than amino-acyl groups;

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