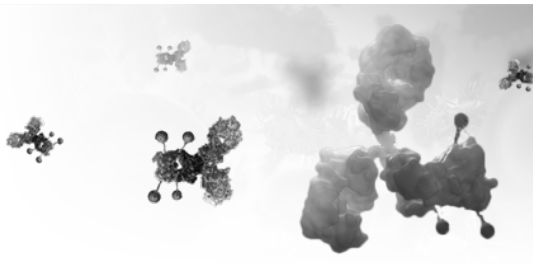

Human ACAT2 peptide (DAG-P0099)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the thiolase family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	ACAT2 acetyl-CoA acetyltransferase 2 [Homo sapiens (human)]
Official Symbol	ACAT2
Synonyms	ACAT2; acetyl-CoA acetyltransferase 2; acetyl-CoA acetyltransferase, cytosolic; acetoacetyl Coenzyme A thiolase; cytosolic acetoacetyl-CoA thiolase; acetyl-CoA transferase-like protein;
Entrez Gene ID	39
mRNA Refseq	NM_005891.2
Protein Refseq	NP_005882.2

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UniProt ID	Q9BWD1
Chromosome Location	6q25.3
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; Carbon metabolism, organism-specific biosystem; Carbon metabolism, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fatty acid degradation, organism-specific biosystem; Fatty aci
Function	acetyl-CoA C-acetyltransferase activity;

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