

Acetyl-CoA acetyltransferase, cytosolic (ACAT2) Recombinant Protein | ACAT2 recombinant protein

Recombinant Human Acetyl-CoA acetyltransferase, cytosolic (ACAT2)

CATALOG #
AAA117061

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Acetyl-CoA acetyltransferase; cytosolic (ACAT2); Recombinant Human Acetyl-CoA acetyltransferase; ACAT2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-397. Full Length of Mature Protein
Sequence	MNAGSDPVVI VSAARTIIGS FNGALAAVPV QDLGSTVIKE VLKRTVAPE DVSEVIFGHV LAAGCGQNPV RQASVGAGIP YSVPWSCQM ICGSGLKAVC LAVQSIGIGD SSIVVAGGME NMSKAPHLAY LRTGVKIGEM PLTDSILCDG LTDAFHNCHM GITAENVAKK WQVSREDQDK VAVLSQNRTE NAQKAGHFDK EIVPVLVSTR KGLIEVKTDE FPRHGSNIEA MSKLKPYFLT DGTGTVTPAN ASGINDGAAA VVLMKKSEAD KRGLTPLARI VWSQVGVPEP SIMGIGPIPA IKQAVTKAGW SLEDVDIFEI NEAFAAVSAA IVKELGLNPE KVNIEGGAIA LGHPLGASGC RILVTLHL ERMGRSRGVA ALCIGGGMGI AMCVQRE
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for ACAT2 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	735997436
NCBI GeneID	39
NCBI Accession #	NP_001290182.1
NCBI GenBank Nucleotide #	NM_001303253.1
UniProt Accession #	Q9BWD1; Q16146; Q5TCL7; Q8TDM4; B7Z233; E1P5B1
Molecular Weight	44,643 Da
NCBI Official Full Name	acetyl-CoA acetyltransferase, cytosolic isoform 2
NCBI Official Synonym Full Names	acetyl-CoA acetyltransferase 2
NCBI Official Symbol	ACAT2

NCBI Protein Information	acetyl-CoA acetyltransferase, cytosolic
UniProt Protein Name	Acetyl-CoA acetyltransferase, cytosolic
UniProt Gene Name	ACAT2
UniProt Synonym Gene Names	ACTL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/acet2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117061>