



# Recombinant Human Acetyl-CoA acetyltransferase, cytosolic (ACAT2)

<b>Product Code</b>	CSB-EP861152HU-B
<b>Abbreviation</b>	ACAT2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9BWD1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNAGSDPVVI VSAARTIIGS FNGALAAVPV QDLGSTVIKE VLKRATVAPE DVSEVIFGHV LAAGCGQNPV RQASVGAGIP YSVPWSCQM ICGSGLKAVC LAVQSIGIGD SSIVVAGGME NMSKAPHLAY LRTGVKIGEM PLTDSILCDG LTDAFHNCHM GITAENVAKK WQVSREDQDK VAVLSQNRTE NAQKAGHFDK EIVPVLVSTR KGLIEVKTDE FPRHGSNIEA MSKLKPYFLT DGTGTVTPAN ASGINDGAAA VVLMKKSEAD KRGLTPLARI VSWSQVGVPEP SIMGIGPIPA IKQAVTKAGW SLEDVDIFEI NEFAAVSAA IVKELGLNPE KVNIEGGAIA LGHPLGASGC RILVTLHLTL ERMGRSRGVA ALCIGGGMGI AMCVQRE
<b>Source</b>	E.coli
<b>Target Names</b>	ACAT2
<b>Protein Names</b>	Recommended name: Acetyl-CoA acetyltransferase, cytosolic EC= 2.3.1.9 Alternative name(s): Acetyl-CoA transferase-like protein Cytosolic acetoacetyl-CoA thiolase
<b>Expression Region</b>	1-397
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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