

## Acetyl-Coenzyme A acetyltransferase 2 Human Recombinant

<b>Item Number</b>	rAP-1954
<b>Synonyms</b>	Acetyl-CoA acetyltransferase cytosolic, Cytosolic acetoacetyl-CoA thiolase, ACAT2, Acetyl CoA transferase-like protein, ACAT-2.
<b>Description</b>	ACAT2 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 433 amino acids (1-397 a.a.) and having a molecular mass of 45.4 kDa. The ACAT2 is fused to 36 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9BWD1
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMNAG SDPVVIVSAA RTIIGSFNGA LAAVPVQDLG STVIKEVLKR ATVAPEDVSE VIFGHVLAAG CGQNPVRQAS VGAGIPYSVP AWS- CQMICGS GLKAVCLAVQ SIGIGDSSIV VAGGMENMSK APHLAYLRTG VKIGEMPLTD SILCDGLTDA FHNCHMGITA ENVAKKWQVS REDQDKVAVL SQNRTEAQA AGHFDKEIVP VLVSTRKGLI EV- KTDEFPRH GSNIEAMSKL KPYFLTDGTG TVTPANASGI NDGAAAVVLM KKSEADKRGL TPLARIVSWS QVGVPEPSIMG IGPIPAIKQA VTKAGWSLED VDIFEINEAF AAVSAAIVKE LGLNPEKVNI EGGAIALGHP LGASGCRILV TLLHTLERMG RSRGVAALCI GGGMGIAMCV QR.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	ACAT2 Human solution containing 20mM Tris pH-8, 0.1M NaCl, 1mM DTT and 20% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**