

## 32-2108: ACAT2 Recombinant Protein

**Alternative Name :** Acetyl-CoA acetyltransferase cytosolic, Cytosolic acetoacetyl-CoA thiolase, ACAT2, Acetyl CoA transferase-like protein, ACAT-2.

### Description

Source : Escherichia Coli. 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. ACAT2 enzyme participates in lipid metabolism. ACAT2 takes part in lipoprotein assembly, catalyzing cholesterol esterification in mammalian cells. ACAT2 is an integral membrane protein that localizes to the endoplasmic reticulum of human intestinal cells. ACAT2 deficiency contributes to severe mental retardation and hypotonus.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** ACAT2 Human solution containing 20mM Tris pH-8, 0.1M NaCl, 1mM DTT and 20% glycerol.  
**Storage condition :** ACAT2 Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.  
**Amino Acid :** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMNAG SDPVVIVSAA RTIIGSFNGA  
LAAVPVQDLG STVIKEVLKR ATVAPEDVSE VIFGHVLAAG CGQNPVRQAS VGAGIPYSVP  
AWSCQMICGS GLKAVCLAVQ SIGIGDSSIV VAGGMENMSK APHLAYLRTG VKIGEMPLTD  
SILCDGLTDA FHNCHMGITA ENVAKKWQVS REDQDKVAVL SQNRTENAQK AGHFDKEIVP  
VLVSTRKGLI EVKTDEFPRH GSNIEAMSKL KPYFLTDGTG TVTPANASGI NDGAAAVVLM  
KKSEADKRGL TPLARIVSWS QVGVPEPIMG IGPIPAIKQA VTKAGWSLED VDIFEINEAF  
AAVSAIVKE LGLNPEKVNI EGGAIALGHP LGASGCRILV TLLHTLERMG RSRGVAALCI  
GGMGIAMCV QR.

