

32-8275: Recombinant Human Sterol O-Acyltransferase 2/SOAT2/ACAT2 (N-Trx, 6His)

Gene : SOAT2
Gene ID : 8435
Uniprot ID : O75908

Description

Source: E. coli.
MW :59.1kD.

Recombinant Human Sterol O-acyltransferase 2 is produced by our E.coli expression system and the target gene encoding Met1-Glu397 is expressed with a Trx, 6His tag at the N-terminus. ACAT2 is a cytoplasmic enzyme which belongs to the thiolase family. ACAT2 takes part in lipid metabolism, lipoprotein assembly, catalyzing cholesterol esterification in mammalian cells. It is responsible for the synthesis of cholesteryl esters which are part of lipoproteins containing apoB. ACAT2 deficiency contributes to severe mental retardation and hypotonus.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MSDKIIHLTDDSFDTDVLKADGAILVDFWAEWCGPCKMIAPILDEIADEYQGKLTVAKLNIDQNPGTAPKYGIRGI
PTLLLFKNGEVAATKVGALSKGQLKEFLDANLAGSGSGMHMHHHHHSSGLVPRGSGMKETAAAKFERQHMD
SPDLGTDDDDKAMADIGSMNAGSDPVVIVSAARTIIGSFNGALAAVPVQDLGSTVIKEVLKRATVAPEDVSEVIF
GHVLAAGCGQNPVRQASVAGIPYSVPAWSCQMICGSLKAVCLAVQSIGIGDSSIVVAGGMENMSKAPHLA
YLRTGVKIGEMPLTDSILCDGLTDAFHNMGITAENVAKKWQVSREDQDKVAVLSQNRTENAQKAGHFDKEI
VPVLVSTRRLIEVKTDEFPRHGSNIEAMSKLKPFLTDGTGTVPANASGINDGAAAVVLMKKSEADKRGLTPL
ARIVSWSQVGVPEPISIMGIGPIPAIKQAVTKAGWSLEDVDIFEINEFAAVSAAIVKELGLNPEKVNIEGGAIALGHP
LGASGCRILVTLHTLERMGRSRGVAALCIGGGMGIAMCVQRE

Application Note

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.