

[Go to Product page](#)

Datasheet for ABIN7319057

**SOAT2 Protein (TRX tag,His tag)**

## Overview

Quantity:	50 µg
Target:	SOAT2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOAT2 protein is labelled with TRX tag,His tag.

## Product Details

Purpose:	Recombinant Human SOAT2/ACAT2 Protein (His&Trx Tag)
Sequence:	Met 1-Glu397
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	SOAT2
Alternative Name:	SOAT2/ACAT2 ( <a href="#">SOAT2 Products</a> )
Background:	Background: 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

## Target Details

lipoproteins containing apoB. ACAT2 deficiency contributes to severe mental retardation and hypotonus.

Synonym: Acetyl-CoA acetyltransferase cytosolic, Acetyl-CoA transferase-like protein, Cytosolic acetoacetyl-CoA thiolase, ACTL, ACAT2

Molecular Weight: 59.1 kDa

UniProt: [O75908](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.