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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SOAT1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00006646-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

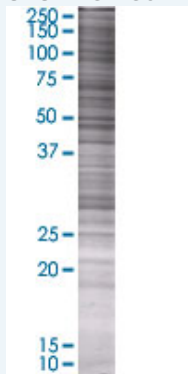
Plasmid: pCMV-SOAT1 full-length

Host: Human

Theoretical MW (kDa): 60.61

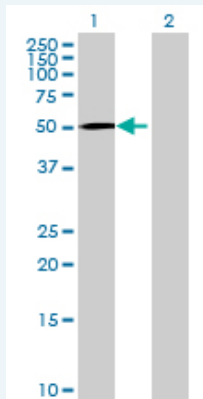
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-SOAT1 antibody ([H00006646-B01](#)) by Western Blots.

SDS-PAGE Gel



SOAT1 transfected lysate.

Western Blot



Lane 1: SOAT1 transfected lysate (60.61 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [6646](#)

GeneBank [NM_003101.4](#)
Accession#:

Protein [NP_003092.4](#)
Accession#:

Gene Name: SOAT1

Gene Alias: ACACT,ACAT,ACAT1,RP11-215I23.2,SOAT,STAT

Gene Description: sterol O-acyltransferase 1

Omim ID: [102642](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Acyl-coenzyme A:cholesterol acyltransferase (ACACT; EC 2.3.1.26) is an intracellular protein located in the endoplasmic reticulum that forms cholesterol esters from cholesterol. Accumulation of cholesterol esters as cytoplasmic lipid droplets within macrophages and smooth muscle cells is a characteristic feature of the early stages of atherosclerotic plaques (Cadigan et al., 1988 [PubMed 3335499]).[supplied by OMIM]

Other Designations: acyl-Coenzyme A: cholesterol acyltransferase,sterol O-acyltransferase (acyl-Coenzyme A: cholesterol acyltransferase) 1

Gene Pathway

[Steroid biosynthesis](#)

Related Disease

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[Coronary Artery Disease](#) [Delirium](#) [Diabetes Mellitus, Type 2](#) [Edema](#)
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