

Recombinant Human SOAT1, GST-tagged

Cat. No. SOAT1-2868H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOAT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-326aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SOAT1 sterol O-acyltransferase 1 [Homo sapiens]
Official Symbol	SOAT1
Synonyms	SOAT1; sterol O-acyltransferase 1; SOAT, STAT, sterol O acyltransferase (acyl Coenzyme A: cholesterol acyltransferase) 1; ACAT; acyl Coenzyme A: cholesterol acyltransferase; acyl-coenzyme A:cholesterol acyltransferase 1; sterol O-acyltransferase (acyl-Coenzyme A: cholesterol acyltransferase) 1; SOAT; STAT;

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	ACACT; ACAT1; ACAT-1;
Gene ID	6646
mRNA Refseq	NM_001252511
Protein Refseq	NP_001239440
MIM	102642
UniProt ID	P35610
Chromosome Location	1q25
Pathway	Statin Pathway, organism-specific biosystem; Steroid biosynthesis, organism-specific biosystem; Steroid biosynthesis, conserved biosystem;
Function	cholesterol O-acyltransferase activity; cholesterol O-acyltransferase activity; cholesterol binding; fatty-acyl-CoA binding; sterol O-acyltransferase activity; sterol O-acyltransferase activity; transferase activity, transferring acyl groups;

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