

Recombinant Human SOAT1 Protein, His-tagged

Cat. No. SOAT1-2869H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOAT1 Protein(1-140 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-140 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MVGEEKMSLRNRLSKSRENPEEDEDQRNPAKESLETSPNGRIDIKQLIAKKIKLTAEA EELKPPFMKEVGSFHDFVTNLIKESASLDNGGCALTTFSVLEGEKNNHRAKDLRAP PEQ GKIFIARRSLLDELLEVDHIRT
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments,

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it is recommended to add an equal volume of glycerol for long-term storage.

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; ACACT; ACAT1; ACAT-1;

Gene ID 6646

mRNA Refseq NM_001252511

Protein Refseq NP_001239440

MIM 102642

UniProt ID P35610

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