

Recombinant Human SOAT2 protein, His-tagged

Cat. No. SOAT2-2440H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOAT2 protein(1-119 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-119 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.
AA Sequence	MEPGGARLRLQRTGGLGGERERQPCGDGNTETHRAPDLVQWTRHMEAVKAQLLE QAQGQLRELLDRAMREAIQSYP SQDKPLPPPPGSLSR TQEPSLGKQKVFIIRKSLL DELMEVQH
Purity	95%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	SOAT2 sterol O-acyltransferase 2 [Homo sapiens]
Official Symbol	SOAT2
Synonyms	SOAT2; sterol O-acyltransferase 2; ACAT2; ACAT-2; cholesterol acyltransferase 2; acyl-CoA:cholesterol acyltransferase 2; acyl Co-A: cholesterol acyltransferase 2; acyl coenzyme A:cholesterol acyltransferase 2; acyl-coenzyme A:cholesterol acyltransferase 2; ARGP2; ACACT2; MGC116732;
Gene ID	8435
mRNA Refseq	NM_003578
Protein Refseq	NP_003569
MIM	601311
UniProt ID	O75908

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