

Recombinant Human SLCO4A1 Protein, His-tagged

Cat. No. SLCO4A1-2701H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLCO4A1 Protein (Phe472-Leu580) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe472-Leu580
Description	Predicted to enable sodium-independent organic anion transmembrane transporter activity and thyroid hormone transmembrane transporter activity. Predicted to be involved in sodium-independent organic anion transport. Predicted to be located in plasma membrane. Predicted to be integral component of plasma membrane.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.7 kDa Accurate Molecular Mass: 15 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	SLCO4A1 solute carrier organic anion transporter family, member 4A1 [Homo sapiens (human)]
Official Symbol	SLCO4A1
Synonyms	POAT; OATP1; OATPE; OATP-E; OATP4A1; OATPRP1; SLC21A12
Gene ID	28231
mRNA Refseq	NM_016354
Protein Refseq	NP_057438
MIM	612436

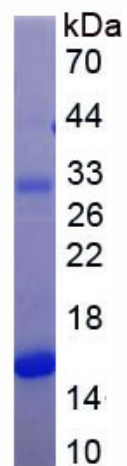
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UniProt ID

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