

Recombinant Human SLC51A Protein, His-tagged

Cat. No. SLC51A-2698H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC51A Protein (Gly4-Tyr207) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly4-Tyr207
Description	Predicted to enable protein heterodimerization activity; protein homodimerization activity; and transmembrane transporter activity. Involved in bile acid secretion. Located in basolateral plasma membrane. Implicated in progressive familial intrahepatic cholestasis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.3 kDa Accurate Molecular Mass: 28 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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	SLC51A solute carrier family 51, alpha subunit [Homo sapiens(human)]
Official Symbol	SLC51A
Synonyms	SLC51A; OSTA; OSTalpha; solute carrier family 51, alpha subunit; organic solute transporter subunit alpha; OST-alpha; organic solute transporter alpha; solute carrier family 51 subunit alpha; organic solute transporter, alpha subunit
Gene ID	200931
mRNA Refseq	NM_152672
Protein Refseq	NP_689885
MIM	612084
UniProt ID	Q86UW1

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