

Recombinant Mouse Slco1b2 Protein, His-tagged

Cat. No. Slco1b2-2700M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Slco1b2 Protein (Phe421-Tyr533) with a N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Phe421-Tyr533
Description	Predicted to enable bile acid transmembrane transporter activity; oligopeptide transmembrane transporter activity; and sodium-independent organic anion transmembrane transporter activity. Predicted to be involved in bile acid and bile salt transport; oligopeptide transport; and sodium-independent organic anion transport. Predicted to act upstream of or within ion transport. Predicted to be located in basolateral plasma membrane. Predicted to be integral component of plasma membrane. Human ortholog(s) of this gene implicated in bilirubin metabolic disorder. Orthologous to several human genes including SLCO1B3 (solute carrier organic anion transporter family member 1B3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.3 kDa Accurate Molecular Mass: 16 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).

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Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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	Slco1b2 solute carrier organic anion transporter family, member 1b2 [Mus musculus (house mouse)]
Official Symbol	Slco1b2
Synonyms	Slco1b2; solute carrier organic anion transporter family, member 1b2; OATP2; Oatp4; Ist-1; OATP-C; mIst-1; Oatp1b2; Slc21a6; Slc21a10; 7330442B20Rik; solute carrier organic anion transporter family member 1B2 liver-specific organic anion transporter 1 solute carrier family 21 (organic anion transporter), member 10 solute carrier family 21 (organic anion transporter), member 6

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Gene ID	28253
mRNA Refseq	NM_020495
Protein Refseq	NP_065241
UniProt ID	Q9JL3

