

Recombinant Human SLCO1B1 Protein, GST-tagged

Cat. No. SLCO1B1-27769TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLCO1B1(481 a.a. - 570 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	481 a.a. - 570 a.a.
Description	This gene encodes a liver-specific member of the organic anion transporter family. The encoded protein is a transmembrane receptor that mediates the sodium-independent uptake of numerous endogenous compounds including bilirubin, 17-beta-glucuronosyl estradiol and leukotriene C4. This protein is also involved in the removal of drug compounds such as statins, bromosulfophthalein and rifampin from the blood into the hepatocytes. Polymorphisms in the gene encoding this protein are associated with impaired transporter function.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	35.64 kDa
AA Sequence	YISPCLAGCKSSSGNKKPIVFYNCSCLEVTGLQNRNYS AHLGECPRDDACTRKFYFF VAIQVLNLFFSALGGTSHVMLIVKIVQPELKSL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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Antibody Production; Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [SLCO1B1 solute carrier organic anion transporter family, member 1B1 \[Homo sapiens \]](#)

Official Symbol [SLCO1B1](#)

Synonyms SLCO1B1; solute carrier organic anion transporter family, member 1B1; SLC21A6, solute carrier family 21 (organic anion transporter), member 6; solute carrier organic anion transporter family member 1B1; LST 1; OATP C; OATP1B1; OATP-2; solute carrier family 21 member 6; liver-specific organic anion transporter 1; sodium-independent organic anion-transporting polypeptide 2; solute carrier family 21 (organic anion transporter), member 6; LST1; HBLRR; LST-1; OATP2; OATPC; OATP-C; SLC21A6; MGC133282;

Gene ID [10599](#)

mRNA Refseq [NM_006446](#)

Protein Refseq [NP_006437](#)

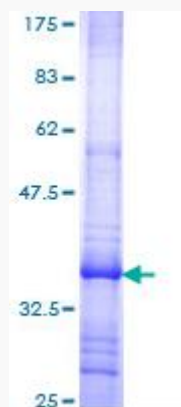
MIM [604843](#)

UniProt ID [Q9Y6L6](#)

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