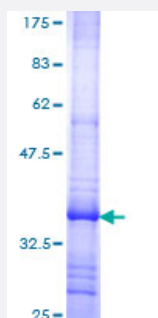


SLCO1B1 (Human) Recombinant Protein (Q01)

Catalog # H00010599-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SLCO1B1 partial ORF (NP_006437, 481 a.a. - 570 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YISPCLAGCKSSSGNKKPMFYNCSCLEVTGLQNRNYS AHLGECPRDDACTRKFYFFVAIQVLNLF FSALGGTSHVMLIVKIVQPELKSL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SLCO1B1

Entrez GeneID [10599](#)

GeneBank Accession# [NM_006446](#)

Protein Accession# [NP_006437](#)

Gene Name SLCO1B1

Gene Alias LST-1, LST1, MGC133282, OATP-C, OATP1B1, OATP2, OATPC, SLC21A6

Gene Description solute carrier organic anion transporter family, member 1B1

Omim ID [604843](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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, bromosulphophthalein and rifampin from the blood into the hepatocytes. Polymorphisms in the gene encoding this protein are associated with impaired transporter function. [provided by RefSeq]

Other Designations solute carrier family 21 (organic anion transporter), member 6

Disease

- [Arterial Occlusive Diseases](#)
- [Arthritis](#)
- [Atherosclerosis](#)

- [Birth Weight](#)
- [Breast cancer](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Gallstones](#)
- [Gastrointestinal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Gilbert Disease](#)
- [Glucosephosphate Dehydrogenase Deficiency](#)
- [HIV Infections](#)
- [Hyperbilirubinemia](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Jaundice](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Lung Neoplasms](#)
- [Muscular Diseases](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Neutropenia](#)

- [Obesity](#)
- [Tuberculosis](#)