

Recombinant Human SLCO1B1 293 Cell Lysate

Cat. No. SLCO1B1-1689HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for solute carrier organic anion transporter family, member 1B1 (SLCO1B1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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

**Chromosome
Location**

12p12

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Pathway

Bile acid and bile salt metabolism, organism-specific biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Codeine and morphine metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Recycling of bile acids and salts, organism-specific biosystem;

Function

sodium-independent organic anion transmembrane transporter activity; transporter activity;

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