

Recombinant Human SLCO1B1 293 Cell Lysate

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

SPECIFICATION

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.
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

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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
Pathway	Bile acid and bile salt metabolism, organism-specific biosystem; Bile secretion,

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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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