

Recombinant Human SLCO1B3 293 Cell Lysate

Cat. No. SLCO1B3-1688HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for solute carrier organic anion transporter family, member 1B3 (SLCO1B3) 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	SLCO1B3 solute carrier organic anion transporter family, member 1B3 [Homo sapiens]
Official Symbol	SLCO1B3
Synonyms	SLCO1B3; solute carrier organic anion transporter family, member 1B3; SLC21A8, solute carrier family 21 (organic anion transporter), member 8; solute carrier organic anion transporter family member 1B3; OATP1B3; OATP8; organic anion transporter 8; organic anion transporter LST-3c; organic anion-transporting polypeptide 8; liver-specific organic anion transporter 2; liver-specific organic anion transporter 3TM13; solute carrier family 21 (organic anion transporter), member 8; LST3; HBLRR; LST-2; OATP-8; SLC21A8; LST-3TM13;
Gene ID	28234
mRNA Refseq	NM_019844
Protein Refseq	NP_062818
MIM	605495
UniProt ID	Q9NPD5
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; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Recycling of bile acids and salts, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem;

Function

organic anion transmembrane transporter activity; transporter activity;

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