

Recombinant Human SLCO1B3 293 Cell Lysate

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

SPECIFICATION

Product Overview

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.

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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

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

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Pathway

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