

Recombinant Human SLCO1A2 293 Cell Lysate

Cat. No. SLCO1A2-1690HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for solute carrier organic anion transporter family, member 1A2 (SLCO1A2), transcript variant 1 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	SLCO1A2 solute carrier organic anion transporter family, member 1A2 [Homo sapiens]
Official Symbol	SLCO1A2
Synonyms	SLCO1A2; solute carrier organic anion transporter family, member 1A2; SLC21A3, solute carrier family 21 (organic anion transporter), member 3; solute carrier organic anion transporter family member 1A2; OATP; OATP A; OATP1A2; OATP-1; solute carrier family 21 member 3; organic anion transporting polypeptide A; organic anion-transporting polypeptide 1; sodium-independent organic anion transporter; solute carrier family 21 (organic anion transporter), member 3; OATP-A; SLC21A3;
Gene ID	6579
mRNA Refseq	NM_134431
Protein Refseq	NP_602307
MIM	602883
UniProt ID	P46721
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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