

Recombinant Human SLC22A6 293 Cell Lysate

Cat. No. SLC22A6-1793HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for solute carrier family 22 (organic anion transporter), member 6 (SLC22A6), 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 SLC22A6 solute carrier family 22 (organic anion transporter), member 6 [Homo sapiens]

Official Symbol SLC22A6

Synonyms SLC22A6; solute carrier family 22 (organic anion transporter), member 6; solute carrier family 22 member 6; OAT1; PAHT; ROAT1; hPAHT; hROAT1; PAH transporter; organic anion transporter 1; para-aminohippurate transporter; renal organic anion transporter 1; HOAT1; FLJ55736; MGC45260;

Gene ID 9356

mRNA Refseq NM_004790

Protein Refseq NP_004781

MIM 607582

UniProt ID Q4U2R8

Chromosome Location 11q12.3

Pathway Organic anion transport, organism-specific biosystem; Organic cation/anion/zwitterion transport, organism-specific biosystem; SLC-mediated transmembrane transport,

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organism-specific biosystem; Transmembrane transport of small molecules,
organism-specific biosystem; Transport of glucose and other sugars, bile salts and
organic acids, metal ions and amine compounds, organism-specific biosystem;

Function

inorganic anion exchanger activity; ion transmembrane transporter activity; organic
anion transmembrane transporter activity; protein binding; sodium-independent
organic anion transmembrane transporter activity; transmembrane transporter activity;

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