

Recombinant Human SLC22A18 cell lysate

Cat. No. SLC22A18-1621HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene is one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region as well as the transport of chloroquine- and quinidine-related compounds in the kidney. Two alternative transcripts encoding the same isoform have been described.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	SLC22A18 solute carrier family 22, member 18 [Homo sapiens]
Official Symbol	SLC22A18

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	SLC22A18; solute carrier family 22, member 18; BWSCR1A, IMPT1, ORCTL2, SLC22A1L, solute carrier family 22 (organic cation transporter), member 1 like; solute carrier family 22 member 18; BWR1A; ITM; TSSC5; ORCTL-2; efflux transporter-like protein; p45 Beckwith-Wiedemann region 1A; organic cation transporter-like 2; p45-Beckwith-Wiedemann region 1 A; tumor-suppressing STF cDNA 5 protein; organic cation transporter-like protein 2; Beckwith-Wiedemann syndrome chromosome region 1, candidate A; beckwith-Wiedemann syndrome chromosomal region 1 candidate gene A protein; imprinted multi-membrane spanning polyspecific transporter-related protein 1; imprinted multi-membrane-spanning polyspecific transporter-related protein 1; tumor-suppressing subchromosomal transferable fragment candidate gene 5 protein; HET; IMPT1; ORCTL2; BWSCR1A; SLC22A1L; p45-BWR1A; DKFZp667A184;
Gene ID	5002
mRNA Refseq	NM_002555
Protein Refseq	NP_002546
MIM	602631
UniProt ID	Q96BI1
Chromosome Location	11p15.5
Pathway	Organic cation transport, organism-specific biosystem; Organic cation/anion/zwitterion transport, organism-specific biosystem; SLC-mediated transmembrane transport, 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;

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Function

drug transmembrane transporter activity; symporter activity; transporter activity;
ubiquitin protein ligase binding;

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