

Recombinant Mouse Slc22a18 Protein, Myc/DDK-tagged

Cat. No. Slc22a18-5910M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length solute carrier family 22 (organic cation transporter), member 18 (Slc22a18), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May act as a transporter of organic cations based on a proton efflux antiport mechanism. May play a role in the transport of chloroquine and quinidine-related compounds in kidney.
Molecular Mass	43.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Slc22a18 solute carrier family 22 (organic cation transporter), member 18 [Mus musculus (house mouse)]
Official Symbol	Slc22a18
Synonyms	SLC22A18; solute carrier family 22 (organic cation transporter), member 18; solute carrier family 22 member 18; ORCTL-2; organic cationic transporter-like 2; organic cation transporter-like protein 2; tumor suppressing subtransferable candidate 5; multi-membrane spanning polyspecific transporter; multi-membrane-spanning polyspecific transporter; imprinted multi-membrane spanning polyspecific transporter-related protein 1; imprinted multi-membrane-spanning polyspecific transporter-related protein 1; HET; ITM; BWR1A; Impt1; TSSC5; Orctl2; BWSCR1A; AW260131; Slc22a1l; p45-BWR1A
Gene ID	18400
mRNA Refseq	NM_001042760
Protein Refseq	NP_001036225
UniProt ID	Q78KK3

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