

## Product datasheet for **TP304889L**

### Solute carrier family 22 member 18 (SLC22A18) (NM\_183233) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 22, member 18 (SLC22A18), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204889 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MQGARAPRDQSQSPGRMSALGRSSVILLTYVLAATELTCLFMQFSIVPYLSRKLGLDSIAFGYLQTTFGV LQLLGGPVFGRFADQRGARAALTSFLAALALYLLAAASSPALPGVYLLFASRLPGALMHTLPAAQMVI TDLSAFEERPAALGRLGLCFGVGVILGSLGGLTVSAYGIQCPAILAALATLLGAVLSFTCIPASTKGA TDAQAPLPGGPRASVFDLKAIASLLRPLDVPRIFLVKVASCNPTGLFMVMFSIISMDFFQLEAAQAGYLM SFFGLLQMTQGLVIGQLSSHFSSEVLLRASVLVFIWGLAMAWMSSVFHFCLLVPLVFSLCTLNVT SMLIKAVSTSDTGTMLGLCASVQPLLRTLGPVGGLLYRSFGVPVFGHVQVAINTLVLLVLWRKMPQRK DKVR</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	44.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_899056](#)

Locus ID: 5002

UniProt ID: [Q96B11](#)

RefSeq Size: 1563

Cytogenetics: 11p15.4

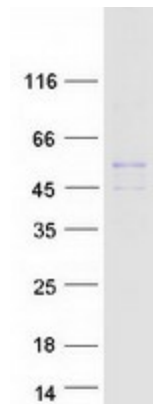
RefSeq ORF: 1272

Synonyms: BWR1A; BWSCR1A; HET; IMPT1; ITM; ORCTL2; p45-BWR1A; SLC22A1L; TSSC5

**Summary:** 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 is imprinted, with preferential expression from the maternal allele. Mutations in this gene have been found in Wilms' tumor and lung cancer. This protein may act as a transporter of organic cations, and have a role in the transport of chloroquine and quinidine-related compounds in kidney. Several alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Oct 2015]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified SLC22A18 protein (Cat# [TP304889]). The protein was produced from HEK293T cells transfected with SLC22A18 cDNA clone (Cat# [RC204889]) using MegaTran 2.0 (Cat# [TT210002]).