

Datasheet for ABIN7551617

ORCTL-2/SLC22A18 Protein (AA 1-424) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ORCTL-2/SLC22A18 (SLC22A18)
Protein Characteristics:	AA 1-424
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ORCTL-2/SLC22A18 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC22A18 Protein expressed in mammalian cells.
Sequence:	<p>MQGARAPRDQ GRSPGRMSAL GRSSVILLY VLAATELTCL FMQFSIVPYL SRKLG LDSIA FGYLQTTFGV LQLLGGPVFG RFADQRGARA ALTLSFLAAL ALYLLLAAS SPALPGVYLL FASRLPGALM HTLPAAQMVI TDLSAPEERP AALGRLGLCF GVGVLGSLG GGTLV SAYGI QCPAILAALA TLLGAVLSFT CIPASTKGAK TDAQAPLPGG PRASVFDLKA IASLLR LPDV PRIFLVKVAS NCPTGLFMVM FSIISMDFFQ LEAAQAGYLM SFFGLLQMVT QGLVIGQLSS HFSEEVLLRA SVLVFIVVGL AMAWMSSVFH FCLLV PGLVF SLCTLN VVTD SMLIKAVSTS DTGTMLGLCA SVQPLLRTL G PTVGGLLYRS FGVPVFGHVQ VAIN TLVLLV LWRKPMPQRK DKVR</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

ORCTL-2/SLC22A18 (SLC22A18)

Alternative Name:

SLC22A18 ([SLC22A18 Products](#))

Background:

Solute carrier family 22 member 18 (Beckwith-Wiedemann syndrome chromosomal region 1 candidate gene A protein) (Efflux transporter-like protein) (Imprinted multi-membrane-spanning polyspecific transporter-related protein 1) (Organic cation transporter-like protein 2) (ORCTL-2) (Solute carrier family 22 member 1-like) (Tumor-suppressing STF cDNA 5 protein) (Tumor-suppressing subchromosomal transferable fragment candidate gene 5 protein) (p45-Beckwith-Wiedemann region 1 A) (p45-BWR1A),FUNCTION: 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. {ECO:0000269|PubMed:9744804}.

Molecular Weight:

44.8 kDa

UniProt:

[Q96B11](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
