

Datasheet for ABIN7563774

SLC22A16 Protein (AA 1-649) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC22A16
Protein Characteristics:	AA 1-649
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC22A16 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc22a16 Protein expressed in mammalian cells.
Sequence:	MESCNVELIF DHIGHFGRFQ IVLYLICAYQ SLSCGIHYLS SVFLSIPEH ACKPPGMVRK AVFHNVSAWR LEDILALRSP EHKDHIMVEL QDGEIWELTR CSRTWRENTS HLGYEYSGYK HDSPCFDGYV YDQSKWRNSA VRNFNLVCDQ KWYARMIQPL IIFGVMLGSI TFSYLSDRFG RRMALWCTSI GVFFFGIASL FIFDYLSFMI TRFFLVMASS GYFVVVFVYV MEIIGKKART WASIHNTFF AIGAMLVALA SYLLKTWWLY QIILCIVTTP FILCCWMLPE TPFWLLSEGR YKEAQGTVDV MAVWNKSSSC DLVELLSLDV TRSHNKSPHS IRKHLRADLF HNLDVAKMTL IVWLDWFTAN LGYYMFGKEV IRRKENEPLY LLLVGAMEIP AYICLCIWLK RVGRRKTMML FLLVSSLTCM LHVVMPSDYK TAKRMVALLV KSVISSVFAF IYLYTAELYP TTVRCLAVGS SNMVSHVSSI FIPFTSHFSK VWIFLPQILF GILAILSGLL SLKLPETQDT PMKSTWETTE QQVPENKDSL GEGPPDSFER WDSSRALSFA ERWGLSRASP DAEKWGSGRV PPDAGKWGAG IAPPVTERGA SGRASLEDES GGSGRAPPEK NTEMENEIEN MKVSNLGGF Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a

Product Details

different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

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.

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: SLC22A16

Alternative Name: Slc22a16 ([SLC22A16 Products](#))

Background: Solute carrier family 22 member 16 (Carnitine transporter 2) (CT2),FUNCTION: Facilitative organic cation transporter that mediates the transport of carnitine as well as the polyamine spermidine. Mediates the partially Na(+)-dependent bidirectional transport of carnitine. May mediate L-carnitine secretion from testis epididymal epithelium into the lumen which is involved in the maturation of spermatozoa. {ECO:0000250|UniProtKB:Q86VW1}.

Molecular Weight: 73.9 kDa

UniProt: [Q497L8](#)

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
