

Datasheet for ABIN7545418
SLC30A6 Protein (AA 1-461) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC30A6
Protein Characteristics:	AA 1-461
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC30A6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SLC30A6 Protein expressed in mammalien cells.
Sequence:	<p>MGTIHLFRKP QRSFFGKLLR EFRLVAADRR SWKILLFGVI NLICTGFLLM WCSSTNSIAL TAYTYLTIFD LFSLMTCLIS YWVTLRKPSV VYSFGFERLE VLAVFASTVL AQLGALFILK ESAERFLEQP EIHTGRLLVG TFVALCFNLF TMLSIRNKPF AYWSEAASTS WLQEHVADLS RSLCGIIPGL SSIFLPRMNP FVLIDLAGAF ALCITYMLIE INNYFAVDTA SAIAIALMTF GTMYPMSVYS GKVLLQTPP HVIGQLDKLI REVSTLDGVL EVRNEHFRTL GFGSLAGSVH VRIRRDANEQ MVLAVHTNRL YTLVSTLTVQ IFKDDWIRPA LLSGPVAANV LNFSDHHVIP MPLLKGTDDL NPVTSTPAKP SSPPPEFSFN TPGKNVNPVI LLNTQTRPYG FGLNHGHTPY SSMLNQGLGV PGIGATQGLR TGFTNIPSRV GTNNRIGQPR 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>

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, Western Blot

Grade:

custom-made

Target Details

Target:

SLC30A6

Alternative Name:

SLC30A6 ([SLC30A6 Products](#))

Background:

Zinc transporter 6 (ZnT-6) (Solute carrier family 30 member 6),FUNCTION: Has probably no intrinsic transporter activity but together with SLC30A5 forms a functional zinc ion:proton antiporter heterodimer, mediating zinc entry into the lumen of organelles along the secretory pathway (PubMed:15994300, PubMed:19366695, PubMed:19759014). As part of that zinc ion:proton antiporter, contributes to zinc ion homeostasis within the early secretory pathway and regulates the activation and folding of enzymes like alkaline phosphatases and enzymes involved in phosphatidylinositol glycan anchor biosynthesis (PubMed:15994300, PubMed:19759014, PubMed:35525268). {ECO:0000269|PubMed:15994300, ECO:0000269|PubMed:19366695, ECO:0000269|PubMed:19759014, ECO:0000269|PubMed:35525268}.

Molecular Weight:

51.1 kDa

UniProt:

[Q6NXT4](#)

Target Details

Pathways: [Peptide Hormone Metabolism, SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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