

Datasheet for ABIN7545770
SLC30A7 Protein (AA 1-376) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC30A7
Protein Characteristics:	AA 1-376
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC30A7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SLC30A7 Protein expressed in mammalien cells.
Sequence:	MLPLSIKDDE YKPPKFNLFG KISGWFRSIL SDKTSRNLFF FLCLNLSFAF VELLYGIWSN CLGLISDSFH MFFDSTAILA GLAASVISKW RDNDAFSYGY VRAEVLAGFV NGLFLIFTAF FIFSEGVERA LAPPDVHHER LLLVSILGFV VNLIGIFVFK HGGHGHSHGS GHGHSLSLFN GALDQAHGHV DHCHSHEVKH GAAHSHDHAH GHGHFHSHDG PSLKETTGPS RQILQGVFLH ILADTLGSIG VIASAIMMQN FGLMIADPIC SILIALIVV SVIPLLRESV GILMQRTPLP LENS LPQCYQ RVQQLQGVYS LQEQHFWTLC SDVYVGTLLK IVAPDADARW ILSQTHNIFT QAGVRQLYVQ IDFAAM 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.
Characteristics:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	SLC30A7
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Alternative Name:	SLC30A7 (SLC30A7 Products)
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Background:	Zinc transporter 7 (ZnT-7) (Solute carrier family 30 member 7) (Znt-like transporter 2),FUNCTION: Zinc ion transporter mediating zinc entry from the cytosol into the lumen of organelles along the secretory pathway (PubMed:15525635, PubMed:15994300). By contributing to zinc ion homeostasis within the early secretory pathway, regulates the activation and folding of enzymes like alkaline phosphatases (PubMed:15525635, PubMed:15994300). {ECO:0000269 PubMed:15525635, ECO:0000269 PubMed:15994300}.
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Molecular Weight:	41.6 kDa
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UniProt:	Q8NEW0
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Pathways:	Peptide Hormone Metabolism , Transition Metal Ion Homeostasis , SARS-CoV-2 Protein Interactome
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Application Details

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

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