

Datasheet for ABIN7545769

## SLC30A4 Protein (AA 1-429) (His tag)



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### Overview

Quantity:	1 mg
Target:	SLC30A4
Protein Characteristics:	AA 1-429
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC30A4 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant SLC30A4 Protein expressed in mammalian cells.
Sequence:	<p>MAGSGAWKRL KSMRLRKDDAP LFLNDTSAFD FSDEAGDEGL SRFNKL RVV ADDGSEAPER  PVNGAHPTLQ ADDDSLDDQD LPLTNSQLSL KVDSCDNCSK QREILKQRKV KARLTIAAVL  YLLFMIGELV GGYIANSLAI MTDALHMLTD LSAILTLA LWLSSKSPTK RFTFGFHRLE  VLSAMISVLL VYILMGFLLY EAVQRTIHMN YEINGDIMLI TAAVGVA NV IMGFLLNQSG  HRHSHSHSLP SNSPTRGSGC ERNHGQDSL A VRAAFVHALG DLVQSVGVLI AAYIIRFKPE  YKIADPICTY VFSLLVAFTT FRIIWDTVVI ILEGVPSHLN VDYIKEALMK IEDVYSVEDL  NIWSLTSGKS TAIVHIQLIP GSSSKWEEVQ SKANHLLLNT FGM YRCTIQL QSYRQEVDR T  CANCQSSSP <b>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.</b></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:

SLC30A4

### Alternative Name:

SLC30A4 ([SLC30A4 Products](#))

### Background:

Probable proton-coupled zinc antiporter SLC30A4 (Solute carrier family 30 member 4) (Zinc transporter 4) (ZnT-4),FUNCTION: Probable proton-coupled zinc ion antiporter mediating zinc import from cytoplasm potentially into the endocytic compartment (PubMed:19521526). Controls zinc deposition in milk (By similarity). {ECO:0000250|UniProtKB:O35149, ECO:0000305|PubMed:19521526}.

### Molecular Weight:

47.5 kDa

### UniProt:

[O14863](#)

### Pathways:

[Transition Metal Ion Homeostasis](#)

## 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.

Application Details

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