

Datasheet for ABIN7549802  
**SLC17A2 Protein (AA 1-439) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SLC17A2
Protein Characteristics:	AA 1-439
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC17A2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SLC17A2 Protein expressed in mammalian cells.
Sequence:	MDGKPTRKG PDFCSLRYGL ALIMHFSNFT MITQRVLSI AIIAMVNTTQ QQGLSNASTE GPVADAFNNS SISIKEFDTK ASVYQWSPET QGIIFSSINY GIILTLIPSG YLAGIFGAKK MLGAGLLISS LLTLFTPLAA DFGVILVIMV RTVQGMAQGM AWTGQFTIWA KWAPPLERSK LTTIAGSGSA FGSFIILCVG GLISQALSWP FIFYIFGSTG CVCCLLWFTV IYDDPMHHP C ISVREKEHIL SSLAQQPSSP GRAVPIKAMV TCLPLWAIFL GFFSHFWLCT IILTYLPTYI STLLHVNIRD SGVLSSLPFI AAASCTILGG QLADFLLSRN LLRLITVRKL FSSLGLLLPS ICAVALPFVA SSVVITIILL ILIPGTSNLC DSGFIINTLD IAPRYASFLM GISRGFLIA GIISSTATGF LISQVGPVY <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>
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

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### 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.

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### Purity:

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

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### Grade:

custom-made

## Target Details

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### Target:

SLC17A2

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### Alternative Name:

SLC17A2 ([SLC17A2 Products](#))

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### Background:

Sodium-dependent phosphate transport protein 3 (Na<sup>+</sup>)/PI cotransporter 3 (Sodium/phosphate cotransporter 3) (Solute carrier family 17 member 2),FUNCTION: Acts as a membrane potential-dependent organic anion transporter, the transport requires a low concentration of chloride ions (By similarity). Mediates chloride-dependent transport of urate (By similarity). Can actively transport inorganic phosphate into cells via Na<sup>+</sup> cotransport (By similarity). {ECO:0000250|UniProtKB:Q5SZA1}.

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### Molecular Weight:

47.3 kDa

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### UniProt:

[O00624](#)

## Application Details

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### 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

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Restrictions: For Research Use only

## Handling

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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