

Datasheet for ABIN7555343
SLC17A4 Protein (AA 1-497) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC17A4
Protein Characteristics:	AA 1-497
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC17A4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC17A4 Protein expressed in mammalian cells.
Sequence:	<p>MSTGPDVKAT VGDISSDGNL NVAQECSRK GFCSVRHGLA LILQLCNFSI YTQQMNLSIA IPAMVNNTAP PSQPNASTER PSTDSQGYWN ETLKEFKAMA PAYDWSPEIQ GIILSSLNYG SFLAIPSGY VAGIFGAKYV VGAGLFISSF LTLFIPLAAN AGVALLIVLR IVQGIAQVMV LTGQYSIWVK WAPPLERSQL TTIAGSGSML GSFIVLLAGG LLCQTIGWPY VFYIFGGIGC ACCPLWFPLI YDDPVNHPFI SAGEKRYIVC SLAQQDCSPG WSLPIRAMIK SLPLWAILVS YFCEYWLFYT IMAYTPTYIS SVLQANLRDS GILSALPFVW GCICILGGL LADFLLSRKI LRLITIRKLF TAIGVLFPSV ILVSLPWVRS SHSMTMTFLV LSSAISSFCE SGALVNFLDI APRYTGFLKG LLQVFAHIAG AISPTAAGFF ISQDSEFGWR NVFLLSAAVN ISGLVFYLIF GRADVQDWAK EQTFTHL</p> <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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

SLC17A4

Alternative Name:

SLC17A4 ([SLC17A4 Products](#))

Background:

Probable small intestine urate exporter (Solute carrier family 17 member 4),FUNCTION: Acts as a membrane potential-dependent organic anion transporter, the transport requires a low concentration of chloride ions (PubMed:22460716). Mediates chloride-dependent transport of urate (PubMed:22460716). Mediates sodium-independent high affinity transport of thyroid hormones including L-thyroxine (T4) and 3,3',5-triiodo-L-thyronine (T3) (PubMed:30367059, PubMed:34937426). Can actively transport inorganic phosphate into cells via Na(+) cotransport (PubMed:22460716). {ECO:0000269|PubMed:22460716, ECO:0000269|PubMed:30367059, ECO:0000269|PubMed:34937426}.

Molecular Weight:

54.1 kDa

UniProt:

[Q9Y2C5](#)

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
