

Datasheet for ABIN7559014  
**SLC44A2 Protein (AA 1-706) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SLC44A2
Protein Characteristics:	AA 1-706
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC44A2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Slc44a2 Protein expressed in mammalian cells.
Sequence:	MGKDSQNYYG KHGTPQKYDP TFKGPIYNRG CTDVICCVLL FLAIVGYVAV GIAWTHGDP RKVIYPTDSR GEFCGQKGTK NADKPFLFYF NIVKCANPLV LLEFHCPTPQ ICVKQCPDRY LTLLSARNTR DFDYYKQFCV PGFQNNKGVT EILRDGECPA VITPSKPLAQ RCFPAIHASK GVL MVGNETT YEDGHGARKN ITDLVEGAKK ANKILEARQL AMQIFEDYTV SWYWIIIGLV IAMVLSLLFI VLLRFLAGIM VWVMIVMVIL VLGYGIFHCY MEYSRLRGEA GSDVSLVDLG FQTDLRVYLH LRQTWMAFMI ILSILEVVII LLLIFLRKRI LIAIALIKEA SRAVGHVMCS LLYPLVTFFL LCLCIAYWAS TSVFLSTSNT AVYKVDDTA CPLLRKTCNP ETFPLRNESL QCPTARCQFA FYGGESTYHR ALLGLQIFNA FMFFWLANFV LALGQVTLAG AFASYWAMR KPDDMPAFPL FSAFGRALRY HTGSLAFGSL ILAIVQIRV MLEYLDQRLK AAQNKFAKFL MVCLKCCFWC LEKFIKFLNR NAYIMIAIYG TNFCTSARNA FLLMRNIIR VAVLDKVTDF LFLGKLLIV GSVGILAFFF FTHRIRIVQD TAPPLNYYWV PILTVIIGSY LIAHGFFSVY GMCVDTLFLC FLEDLERNDG SAERP YFMSS TLKLLNKTN KKVAES <b>Sequence without tag. The proposed Purification-Tag</b>

## Product Details

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**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.**

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.

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

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Target: SLC44A2

Alternative Name: Slc44a2 ([SLC44A2 Products](#))

Background: Choline transporter-like protein 2 (Solute carrier family 44 member 2),FUNCTION: Choline/H<sup>+</sup> antiporter, mainly in mitochondria. Also acts as a low-affinity ethanolamine/H<sup>+</sup> antiporter, regulating the supply of extracellular ethanolamine (Etn) for the CDP-Etn pathway, redistribute intracellular Etn and balance the CDP-Cho and CDP-Etn arms of the Kennedy pathway. {ECO:0000250|UniProtKB:Q8IWA5}.

Molecular Weight: 80.1 kDa

UniProt: [Q8BY89](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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