

Datasheet for ABIN7556942  
**SLC45A4 Protein (AA 1-785) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SLC45A4
Protein Characteristics:	AA 1-785
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC45A4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Slc45a4 Protein expressed in mammalian cells.
Sequence:	MKMAPQNADS ESMQVQELPV PLPDPQKPRD PEAETQEETT SEGSIDRIPT RLWVMHGAVM FGREFCYAME TALVTPILLQ IGLPEKYYSL TWFLSPVLGL IFTPLIGSAS DRCTLSWGRR RPFILALCVG VLGIVALFLN GSAIGLALGD VPSRQPIGIV LTVLGVVLD FSADATEGPI RAYLLDVVDS EEQDMALNIH AFSAGLGGAI GYVLGGLDWT QTFLGDWFQT QNQVLFFFAA VIFSVSVALH LFSIEEEQYS PQQDRGPEDP TLPGTSVQPG APAPASRLSS LGGGMQDGSP PFPDEVQSEH ELSLDYLDVD IVRSKSDSVL HMA DATLDME PQLLFLHDIE PSIFQDASYP STPQSTSQEL LRAKLPRLST FLRESTKEDD TLLDNHLNEA KVPNGRGSP INSLSRKVD LKPSVTSGSM RRRRHMFHRQ ASSTFSYYGK IGSHCYRYRR ANAVVLIKPS RMSDLYDLQ QRQRSRHRNQ SGATASSGDT ESEGETETT VRLWLWMLK MPKELMWLCL CHLLTWFSVI AEAVFYTDFM GQVIFKGNPQ APSNSTKWAH YNAGVKMGCW GLVIYAATGA ICSALLQKYL DNYDLSIRII YMLGTLGFSV GTAVMAMFPN VYVAMVTIST MGVVMSISY CPYALLGHYH DIKEYVHHSP GNSKRGFGID CAILSCQVYI SQILVASALG GVVDVANSIV VIPIVASVGS

## Product Details

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FLGFLTATFL VIYPEVSEEP KEEQKGLSSG PAGEGEGGAG SEKPTVLKLS RKGGLRGLVE TESMV

**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.**

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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.

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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: SLC45A4

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Alternative Name: Slc45a4 ([SLC45A4 Products](#))

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Background: Solute carrier family 45 member 4,FUNCTION: Proton-associated sucrose transporter. May be able to transport also glucose and fructose. {ECO:0000269|PubMed:25164149}.

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Molecular Weight: 85.8 kDa

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UniProt: [Q0P5V9](#)

## 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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