

Datasheet for ABIN7545891  
**SLC1A4 Protein (AA 1-532) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SLC1A4
Protein Characteristics:	AA 1-532
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC1A4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat SLC1A4 Protein expressed in mammalien cells.
Sequence:	<p>MEKSNETNGY LDSAQAGPAA GPGAPGTAAG RARRCAGFLR RQALVLLTVS GVLGAGLGA  ALRGLSLSRT QVTYLAFPGE MLLRMLRMII LPLVVCSLVS GAASLDASCL GRLGGIAVAY  FGLTTLSASA LAVALAFIHK PGSGAQLQS SDLGLEDSGP PPVPKETVDS FLDLARNLFP  SNLVVAAFRT YATDYKVVTQ NSSSGNVTHE KIPIGTEIEG MNILGLVLFA LVLGVALKKL  GSEGEDLIRF FNSLNEATMV LVSWIMWYVP VGIMFLVGSK IVEMKDIIVL VTSLGKYIFA  SILGHVIHGG IVLPLIYFVF TRKNPFRLL GLLAPFATAF ATCSSSATLP SMMKCIENN  GVDKRISRFI LPIGATVNMD GAAIFQCVAA VFIAQLNVE LNAGQIFITIL VTATASSVGA  AGVPAGGVLT IAIIIEAIGL PTHDLPLILA VDWIVDRTTT VNVVEGDALG AGILHHLNQK  ATKKGEQELA EVKVEAIPNC KSEEETSPLV THQNPAGPVA SAPELESKES VL <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</b></p>

## Product Details

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### special request, please contact us.

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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.

#### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

#### Grade:

custom-made

## Target Details

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#### Target:

SLC1A4

#### Alternative Name:

SLC1A4 ([SLC1A4 Products](#))

#### Background:

Neutral amino acid transporter A (Alanine/serine/cysteine/threonine transporter 1) (ASCT-1) (Solute carrier family 1 member 4),FUNCTION: Sodium-dependent neutral amino-acid transporter that mediates transport of alanine, serine, cysteine, proline, hydroxyproline and threonine. {ECO:0000269|PubMed:14502423, ECO:0000269|PubMed:26041762, ECO:0000269|PubMed:8101838, ECO:0000269|PubMed:8340364}.

#### Molecular Weight:

55.7 kDa

#### UniProt:

[P43007](#)

#### Pathways:

[Dicarboxylic Acid Transport](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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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