

Datasheet for ABIN7545950  
**SLC43A3 Protein (AA 1-491) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SLC43A3
Protein Characteristics:	AA 1-491
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC43A3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SLC43A3 Protein expressed in mammalian cells.
Sequence:	<p>MAGQGLPLHV ATLLTGLLEC LGFAGVLFGW PSLVVFVKNE DYFKDLCPD AGPIGNATGQ ADCKAQDERF SLIFTLGSFM NNFMTFPTGY IFDRFKTTVA RLIAIFFYTT ATLIIAFTSA GSAVLLFLAM PMLTIGGILF LITNLQIGNL FGQHRSTIIT LYNGAFDSSS AVFLIIKLLY EKGISLRASF IFISVCSTWH VARTFLLMPR GHIPYPLPPN YSYGLCPGNG TTKEEKETAE HENRELQSKE FLSAKEETPG AGQKQELRSF WSYAFSRRFA WHLVWLSVIQ LWHYLFITL NSLLTNMAGG DMARVSTYTN AFAFTQFVL CAPWNGLLMD RLKQKYQKEA RKTGSSTLAV ALCSTVPSLA LTSLCLGFA LCASVPILPL QYLTFILQVI SRSFLYGSNA AFLTLAFPSE HFGKLFGLVM ALSAVSVLLQ FPIFTLIKGS LQNDPFYVNV MFMLAILLTF FHPFLVYREC RTWKESPSAI A</p> <p><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></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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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:

SLC43A3

### Alternative Name:

SLC43A3 ([SLC43A3 Products](#))

### Background:

Equilibrative nucleobase transporter 1 (Protein FOAP-13) (Solute carrier family 43 member 3),FUNCTION: Sodium-independent purine-selective nucleobase transporter which mediates the equilibrative transport of extracellular purine nucleobases such as adenine, guanine and hypoxanthine (PubMed:26455426, PubMed:32339528). May regulate fatty acid (FA) transport in adipocytes, acting as a positive regulator of FA efflux and as a negative regulator of FA uptake (By similarity). {ECO:0000250|UniProtKB:A2AVZ9, ECO:0000269|PubMed:26455426, ECO:0000269|PubMed:32339528}., FUNCTION: [Isoform 1]: Sodium-independent purine-selective nucleobase transporter which mediates the equilibrative transport of extracellular purine nucleobase adenine (PubMed:30910793). Mediates the influx and efflux of the purine nucleobase analog drug 6-mercaptopurine across the membrane (PubMed:30910793). {ECO:0000269|PubMed:30910793}., FUNCTION: [Isoform 2]: Sodium-independent purine-selective nucleobase transporter which mediates the equilibrative transport of extracellular

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purine nucleobase adenine (PubMed:30910793). Mediates the influx and efflux of the purine nucleobase analog drug 6-mercaptopurine across the membrane (PubMed:30910793). {ECO:0000269|PubMed:30910793}.

Molecular Weight: 54.5 kDa

UniProt: [Q8NBI5](#)

## 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.

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