

Datasheet for ABIN7549296

**SLC25A29 Protein (AA 1-303) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SLC25A29
Protein Characteristics:	AA 1-303
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC25A29 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SLC25A29 Protein expressed in mammalian cells.
Sequence:	<p>MALDFLAGCA GGVAGVLVGH PFDTVKVRQLQ VQSVEKPQYR GTLHCFKSII KQESVLGLYK GLGSPLMGLT FINALVFGVQ GNTLRALGHD SPLNQFLAGA AAGAIQCVIC CPMELAKTRL QLQDAGPART YKGS LDCLAQ IYGHEGLRGV NRGMVSTLLR ETPSFGVYFL TYDALTRALG CEPGDRLLVP KLLLAGGTSG IVSWLSTYPV DVVKSRLQAD GLRGAPRYRG ILDCVHQSYP AEGWRVFTRG LASTLLRAFP VNAATFATVT VVLT YARGE E AGPEGEAVPA APAGPALAQP SSL</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 isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

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- 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
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## Target Details

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Target:	SLC25A29
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Alternative Name:	SLC25A29 ( <a href="#">SLC25A29 Products</a> )
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Background:	Mitochondrial basic amino acids transporter (Carnitine/acylcarnitine translocase-like) (CACT-like) (Mitochondrial carnitine/acylcarnitine carrier protein CACL) (Mitochondrial ornithine transporter 3) (Solute carrier family 25 member 29),FUNCTION: Mitochondrial transporter of arginine, lysine, homoarginine, methylarginine and, to a much lesser extent, ornithine and histidine (PubMed:19287344, PubMed:24652292). Does not transport carnitine nor acylcarnitines (PubMed:24652292). Functions by both counter-exchange and uniport mechanisms (PubMed:24652292). Plays a physiological role in the import of basic amino acids into mitochondria for mitochondrial protein synthesis and amino acid degradation (PubMed:19287344, PubMed:24652292). {ECO:0000269 PubMed:19287344, ECO:0000269 PubMed:24652292}.
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Molecular Weight:	32.1 kDa
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UniProt:	<a href="#">Q8N8R3</a>
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## 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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