

Datasheet for ABIN7547946

SLC25A22 Protein (AA 1-323) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC25A22
Protein Characteristics:	AA 1-323
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC25A22 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC25A22 Protein expressed in mammalian cells.
Sequence:	MADKQISLPA KLINGGIAGL IGVTCVFPID LAKTRLQNNQ NGQRVYTSMS DCLIKTVRSE GYFGMYRGAA VNLTLVTPEK AIKLAANDFF RHQLSKDGQK LTLKEMLAG CGAGTCQVIV TTPMEMLKIQ LQDAGRIAAQ RKILAAQGQL SAQGGAQPSV EPAAPRPTA TQLTRDLLRS RGIAGLYKGL GATLLRDVPF SVVYFPLFAN LNQLGRPASE EKSPFYVSFL AGCVAGSAAA VAVNPCDVVK TRLQSLQRGV NEDTYSGILD CARKILRHEG PSAFLKGAYC RALVIAPLFG IAQVVYFLGI AESLLGLLQD PQA 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.
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

- 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

Target:	SLC25A22
Alternative Name:	SLC25A22 (SLC25A22 Products)
Background:	Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22),FUNCTION: Mitochondrial glutamate/H(+) symporter. Responsible for the transport of glutamate from the cytosol into the mitochondrial matrix with the concomitant import of a proton (PubMed:11897791). Plays a role in the control of glucose-stimulated insulin secretion (By similarity). {ECO:0000250 UniProtKB:A0A0G2K5L2, ECO:0000269 PubMed:11897791}.
Molecular Weight:	34.5 kDa
UniProt:	Q9H936
Pathways:	Dicarboxylic Acid Transport

Application Details

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.
--------------------	---

Application Details

Restrictions: For Research Use only

Handling

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