

Datasheet for ABIN7561125

SLC25A39 Protein (AA 1-359) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC25A39
Protein Characteristics:	AA 1-359
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC25A39 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc25a39 Protein expressed in mammalian cells.
Sequence:	MDDQDPGGIS PLQQMVASGA GAVVTSLFMT PLDVVKVRLQ SQRPSATSEL TTPSRFWLSL YTKSSSALQS PGKCLLYCNG VLEPLYLCPN GTRCATWFQD PTRFTGLDA FVKIVRHEGT RTLWGLPAT LVMTVPATAI YFTAYDQLKA FLCGQSLTSD LYAPMVAGAL ARMGTVTVVS PLELVRTKLQ AQHVSYRELA SSVQAAVTQG GWRSLWLGWG PTALRDVPFS ALYWFNYELV KSWLSGLRPK DQTSVGISFV AGGISGMVAA TLTLPFDVVK TQRQMSLGAV EAVRVKPPRV DSTWLLLRRI RAESGTRGLF AGFLPRIIKA APSCAIMIST YEFGKSFFQR LNQEQLGR 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:	SLC25A39
Alternative Name:	Slc25a39 (SLC25A39 Products)
Background:	Probable mitochondrial glutathione transporter SLC25A39 (Solute carrier family 25 member 39),FUNCTION: Mitochondrial transporter required for glutathione import into mitochondria (PubMed:34707288). Glutathione, which plays key roles in oxidative metabolism, is produced exclusively in the cytosol and is imported in many organelles (By similarity). Mitochondrial glutathione is required for the activity and stability of proteins containing iron-sulfur clusters, as well as erythropoiesis (PubMed:34707288). {ECO:0000250 UniProtKB:Q9BZJ4, ECO:0000269 PubMed:34707288}.
Molecular Weight:	39.2 kDa
UniProt:	Q9D8K8

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.
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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