

Datasheet for ABIN7545876

SLC25A40 Protein (AA 1-338) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC25A40
Protein Characteristics:	AA 1-338
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC25A40 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SLC25A40 Protein expressed in mammalien cells.
Sequence:	MDPETRGQEI IKVTPLQQML ASCTGAILTS VIVTPLDVVK IRLQAQNNPL PKGKCFVYSN GLMDHLCVCE EGGNKLWYKK PGNFQGTLD A FFKIIRNEGI KSLWSGLPPT LVMAVPATVI YFTCYDQLSA LLRSKLGENE TCIPVAGIV ARFGAVTVIS PLELIRTKMQ SKKFSYVELH RFVSKKVS ED GWISLWRGWA PTVLRDVPFS AMYWYNYEIL KKWLCEKSG L YEPTFMINFT SGALSGSFAA VATLPFDVVK TQKQTQLW TY ESHKISMPLH MSTWIIMKNI VAKNGFSGLF SGLIPRLIKI APACAIMIST YEFGKAFFQK QNVR RQQY 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.
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, Western Blot
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Grade:	custom-made
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Target Details

Target:	SLC25A40
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Alternative Name:	SLC25A40 (SLC25A40 Products)
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Background:	Probable mitochondrial glutathione transporter SLC25A40 (Mitochondrial carrier family protein) (Solute carrier family 25 member 40),FUNCTION: Probable 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 (PubMed:34707288). Mitochondrial glutathione is required for the activity and stability of proteins containing iron-sulfur clusters, as well as erythropoiesis (By similarity). {ECO:0000250 UniProtKB:Q8BGP6, ECO:0000269 PubMed:34707288}.
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Molecular Weight:	38.1 kDa
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UniProt:	Q8TBP6
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Application Details

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
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Application Details

guarantee though.

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