

Datasheet for ABIN7558767

SLC25A32 Protein (AA 1-316) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC25A32
Protein Characteristics:	AA 1-316
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC25A32 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc25a32 Protein expressed in mammalian cells.
Sequence:	MTGQGQSAAG SAAWSAVFRH VRYENLVAGV SGGVLSNLAL HPLDLVKIRF AVSDGLEVRP KYKGILHCLA TIWKVDGLRG LYQGVTPNVW GAGLSWGLYF FFYNAIKSYK TEGRAEQLEP LEYLVSAAEA GAMTLCITNP LWVTKTRLML QYGGVASPSQ RQYKGMFDAL VKIYKYEGVR GLYKGFVPLG FGTSHGALQF MAYELLKLY NKHINRLPEA QLSTAEYISV AALSKIFAVA ATYPYQVWRA RLQDQHVSYG GVTDVITKTW RKEGIGGFYK GIAPNLIRVT PACCITFVVY ENVSHFLYDL REKKVS 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:	SLC25A32
Alternative Name:	Slc25a32 (SLC25A32 Products)
Background:	Solute carrier family 25 member 32 (Mitochondrial FAD transporter),FUNCTION: Facilitates flavin adenine dinucleotide (FAD) translocation across the mitochondrial inner membrane into the mitochondrial matrix where it acts as a redox cofactor to assist flavoenzyme activities in fundamental metabolic processes including fatty acid beta-oxidation, amino acid and choline metabolism as well as mitochondrial electron transportation. In particular, provides FAD to DLD dehydrogenase of the glycine cleavage system, part of mitochondrial one-carbon metabolic pathway involved in neural tube closure in early embryogenesis. {ECO:0000269 PubMed:29666258, ECO:0000269 PubMed:35727412}.
Molecular Weight:	35.0 kDa
UniProt:	Q8BMG8
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.

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
