

Datasheet for ABIN7545940

SLC25A38 Protein (AA 1-304) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC25A38
Protein Characteristics:	AA 1-304
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC25A38 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC25A38 Protein expressed in mammalian cells.
Sequence:	<p>MIQNSRPSLL QPQDVGDTVE TLMLHPVIKA FLCGSISGTC STLLFQPLDL LKTRLQTLQP SDHGSRRVGM LAVLLKVVRT ESSLGLWKGM SPSIVRCVPG VGIYFGTLYS LKQYFLRGHP PTALESVMLG VGSRSVAGVC MSPITVIKTR YESGKYGYES IYAALRSIYH SEGHRGLFSG LTATLLRDAP FSGIYLMFYN QTKNIVPHDQ VDATLIPITN FSCGIFAGIL ASLVTQPADV IKTHMQLYPL KFQWIGQAVT LIFKDYGLRG FFQGGIPRAL RRTLMAAMAW TVYEEMMAKM GLKS</p> <p>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.</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

- 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:	SLC25A38
Alternative Name:	SLC25A38 (SLC25A38 Products)
Background:	Mitochondrial glycine transporter (Appoptosin) (Mitochondrial glycine transporter GlyC) (Solute carrier family 25 member 38),FUNCTION: Mitochondrial glycine transporter that imports glycine into the mitochondrial matrix. Plays an important role in providing glycine for the first enzymatic step in heme biosynthesis, the condensation of glycine with succinyl-CoA to produce 5-aminolevulinate (ALA) in the mitochondrial matrix. Required during erythropoiesis. {ECO:0000255 HAMAP-Rule:MF_03064, ECO:0000269 PubMed:19412178, ECO:0000269 PubMed:27476175}., FUNCTION: Plays a role as pro-apoptotic protein that induces caspase-dependent apoptosis. {ECO:0000250 UniProtKB:Q91XD8}.
Molecular Weight:	33.6 kDa
UniProt:	Q96DW6

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

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
