

Datasheet for ABIN7560571

**SLC25A46 Protein (AA 1-418) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SLC25A46
Protein Characteristics:	AA 1-418
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC25A46 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Slc25a46 Protein expressed in mammalian cells.
Sequence:	MHPRRPEGFD GLGYRGGVVD DPAFGGPFHA RSGSGTELG HWVTTPPDIP GSRNLHWGEK SPSYGVPSAP PTLEGS AEEP FPGGGEGPRP GPSSEQLNRF AGFGIGLASL FTENVLAHPC IVLRRQCQVN YHARHYHLTP FSIINIMYSF NKTQGPRALW KGMGSTFIVQ GVTLGAEGII SEFTPLPREV SHKLNPKQIG EHL LKCLTY MVAMPFYSAS LIETVQSEII RDNTGILECV KEGIGRVIGL GVPHSKRLLP LFSLIFPTVL HGVLHYIIS IIQKIVLLIL KRKTYNSHLA ESTSPMQNML DAYFPELIAN FAASLCSDVI LYPLETVLHR LHIQGTRTII DNTDLGYEVL PINTQYEGMR DCINTIKQEE GVFGFYKGF AVIIQYTLHA TILQITKMIY STLLQNSI <b>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.</b>
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.

## Product Details

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### Characteristics:

#### Key Benefits:

- 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.

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### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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### Grade:

custom-made

## Target Details

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### Target:

SLC25A46

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### Alternative Name:

Slc25a46 ([SLC25A46 Products](#))

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### Background:

Mitochondrial outer membrane protein SLC25A46 (Solute carrier family 25 member 46),FUNCTION: Transmembrane protein of the mitochondrial outer membrane that controls mitochondrial organization. May regulate the assembly of the MICOS (mitochondrial contact site and cristae organizing system) complex which is essential to the biogenesis and dynamics of mitochondrial cristae, the inwards folds of the inner mitochondrial membrane. Through its interaction with the EMC (endoplasmic reticulum membrane protein complex), could regulate mitochondrial lipid homeostasis and thereby mitochondrial fission.  
{ECO:0000250|UniProtKB:Q96AG3}.

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### Molecular Weight:

46.2 kDa

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### UniProt:

[Q9CQS4](#)

## Application Details

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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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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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