

Datasheet for ABIN7559649

SLC25A28 Protein (AA 1-364) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC25A28
Protein Characteristics:	AA 1-364
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC25A28 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Slc25a28 Protein expressed in mammalian cells.
Sequence:	MELEGRSAGG VAGGPAAGPG RSPGESALLD GWLQRGVGRG AGGGEAGAYQ PPVRLDPESG PEYEALPAGA TVTTHMVAGA VAGILEHCVM YPIDCVKTRM QSLQPDPAAR YRNVLEALWR IMRTEGLWRP MRGLNVTATG AGPAHALYFA CYEKLKKTLS DVIHPGGNSH IANGAAGCVA TLLHDAAMNP AEVVKQRMQM YNSPYHRVTD CVRAVWQNEG AGAFYRSYTT QLTMNVPFQA IHFMTYEFLQ EHFNPQRRYN PSSHVLGAC AGAVAAAATT PLDVCKTLLN TQESLALNSN ITGHITGMAS AFRTVYQVGG VTAYFRGVQA RVIYQIPSTA IAWSVYEFFK YLITKRQEEW RAGK 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:	SLC25A28
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Alternative Name:	Slc25a28 (SLC25A28 Products)
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Background:	Mitoferrin-2 (Mitochondrial RNA-splicing protein 3/4 homolog) (MRS3/4) (Mitochondrial iron transporter 2) (Solute carrier family 25 member 28),FUNCTION: Mitochondrial iron transporter that mediates iron uptake. Probably required for heme synthesis of hemoproteins and Fe-S cluster assembly in non-erythroid cells. {ECO:0000250 UniProtKB:Q7T292}.
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Molecular Weight:	39.4 kDa
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UniProt:	Q8R0Z5
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Pathways:	Transition Metal Ion Homeostasis
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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 guarantee though.
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Restrictions:	For Research Use only
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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