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Datasheet for ABIN7558937

SLC25A41 Protein (AA 1-312) (His tag)

Overview

Quantity:	1 mg
Target:	SLC25A41
Protein Characteristics:	AA 1-312
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC25A41 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc25a41 Protein expressed in mammalian cells.
Sequence:	MGVHLEVLDT GEQLMVPVDV LEEENKGLTW KFLLSGAMAG AVSRTGTAPL DRARVYMQVY SSKSNFRNLL SGLRSLVQEG GVRSLWRGNG INVLKIAPEY AIKFSVCEQS KNFFYGVHSS QLFQERVWAG SLAVAVSQTL INPMEVLKTR LTLRFTGQYK GLLDCARQIL ERDGTRALYR GYLPNMLGII PYACTDLAVY ELLQCLWQKL GRDMKDPSGL VSLSSVTLST TCGQMASYPL TLVRTRMFAQ DTVEGSNPTM QGVFKRILSQ QGWPGLYRGM TPTLLKVLPA GGISYLVYEA MKKTLGVQVL SR 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)
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Grade:	custom-made
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Target Details

Target:	SLC25A41
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Alternative Name:	Slc25a41 (SLC25A41 Products)
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Background:	Calcium-independent mitochondrial carrier protein SCaMC-3L (Mitochondrial ATP-Mg/Pi carrier protein SLC25A41) (Small calcium-binding mitochondrial carrier protein 3-like) (SCaMC-3-like) (SCaMC-3L) (Solute carrier family 25 member 41),FUNCTION: Calcium-independent ATP-Mg/Pi exchanger that catalyzes the electroneutral exchange of Mg-ATP or free ADP against an hydrogenphosphate and participates in the net transport of adenine nucleotides across the mitochondria inner membrane. {ECO:0000269 PubMed:18928449}.
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Molecular Weight:	34.5 kDa
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UniProt:	Q8BVN7
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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.
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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