Datasheet for ABIN7555424
SLC25A36 Protein (AA 1-311) (His tag)

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Overview

Quantity:	1 mg
Target:	SLC25A36
Protein Characteristics:	AA 1-311
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC25A36 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SLC25A36 Protein expressed in mammalien cells.
Sequence:	MSQRDTLVHL FAGGCGGTVG AILTCPLEVV KTRLQSSSVT LYISEVQLNT MAGASVNRVV SPGPLHCLKV ILEKEGPRSL FRGLGPNLVG VAPSRAIYFA AYSNCKEKLN DVFDPDSTQV HMISAAMAGF TAITATNPIW LIKTRLQLDA RNRGERRMGA FECVRKVYQT DGLKGFYRGM SASYAGISET VIHFVIYESI KQKLLEYKTA STMENDEESV KEASDFVGMM LAAATSKTCA TTIAYPHEVV RTRLREEGTK YRSFFQTLSL LVQEEGYGSL YRGLTTHLVR QIPNTAIMMA TYELVVYLLN G **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: • Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalien 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
Grade:	custom-made

Target Details

Target:	SLC25A36
Alternative Name:	SLC25A36 (SLC25A36 Products)
Background:	Solute carrier family 25 member 36,FUNCTION: Mitochondrial transporter that imports/exports pyrimidine nucleotides into and from mitochondria. Selectively transports cytosine, guanosine, inosine and uridine (deoxy)nucleoside mono-, di-, and triphosphates by antiport mechanism. Catalyzes uniport at much lower rate (PubMed:25320081). May import (deoxy)nucleoside triphosphates in exchange for intramitochondrial (deoxy)nucleoside mono- and diphosphates, thus providing precursors necessary for de novo synthesis of mitochondrial DNA and RNA while exporting products of their catabolism (PubMed:25320081). Participates in mitochondrial genome maintenance, regulation of mitochondrial membrane potential and mitochondrial respiration. {ECO:0000269|PubMed:25320081}.
Molecular Weight:	34.3 kDa
UniProt:	Q96CQ1

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies

Application Details

	as well. 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