

Datasheet for ABIN7550395

SLC25A2 Protein (AA 1-301) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC25A2
Protein Characteristics:	AA 1-301
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC25A2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SLC25A2 Protein expressed in mammalian cells.
Sequence:	MKSGPGIQAA IDLTAGAAGG TACVLTGQPF DTIKVKMQTF PDLYKGLTDC FLKTYAQVGL RGFYKGTGPA LMAYVAENSV LFMCYGFCCQ FVRKVAGMDK QAKLSDLQTA AAGSFASAF ALALCPTLV KCRLQTM YEM EMSGKIAKSH NTIWSVVKGI LKKG DGPLGFY HGLSSTLLQE VPGYFFFFGG YELSRFFAS GRSKDELGPV HLMLSGGVAG ICLWL VFPV DCIKSRIQVL SMYGKQAGFI GTLLSVRNE GIVALYSGLK ATMIRAIPAN GALFVAYEYS RKMMMKQLEA Y 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.
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Product Details

- 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:	SLC25A2
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Alternative Name:	SLC25A2 (SLC25A2 Products)
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Background:	Mitochondrial ornithine transporter 2 (Solute carrier family 25 member 2),FUNCTION: Mitochondrial transporter of the positively charged amino acids ornithine, lysine and arginine, and the neutral amino acid citrulline (PubMed:12807890). In addition, transports the basic amino acids histidine, homoarginine, and asymmetric dimethylarginine (ADMA), but not symmetric DMA, and the D-forms of lysine, arginine, ornithine and histidine (PubMed:26403849, PubMed:12807890). Functions by both counter-exchange and uniport mechanisms (PubMed:26403849). {ECO:0000269 PubMed:12807890, ECO:0000269 PubMed:26403849}.
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Molecular Weight:	32.6 kDa
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UniProt:	Q9BXI2
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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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Application Details

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