

Datasheet for ABIN7549505
SLC16A9 Protein (AA 1-509) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC16A9
Protein Characteristics:	AA 1-509
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC16A9 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SLC16A9 Protein expressed in mammalien cells.
Sequence:	MELKKSPDGG WGWVIVFSF LTQFLCYGSP LAVGVLYIEW LDAFGEGK GK TAWVGS LASG VGLLASPVCS LCVSSFGARP VTIFSGFMVA GGLMLSSFAP NIYFLFFSYG IVVGLGCGLL YTATVTITCQ YFDDRRGLAL GLISTGSSVG LFIYAALQRM LVEFYGLDGC LLIVGALALN ILACGSLMRP LQSSDCPLPK KIAPEDLPDK YSIYNEKGKN LEENINILDK SYSSEEKCRI TLANGDWKQD SLLHKNPTVT HTKEPETYKK KVAEQTYFCK QLAKR KWQLY KNYCGETVAL FKNKVFSALF IAILLFDIGG FPPSLLMEDV ARSSNVKEEE FIMPLISIIG IMTAVGKLLL GILADFKWIN TLYLYVATLI IMGLALCAIP FAKSYVTLAL LSGILGFLTG NWSIFPYVTT KTVGIEKLAH AYGILMFFAG LGNSLGPPIV GWFYDWTQTY DIAFYFSGFC VLLGGFILL AALPSWDTCN KQLPKPAPTT FLYKVASNV 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.

Product Details

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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

SLC16A9

Alternative Name:

SLC16A9 ([SLC16A9 Products](#))

Background:

Monocarboxylate transporter 9 (MCT 9) (Solute carrier family 16 member 9),FUNCTION: Extracellular pH -and Na(+)-sensitive low-affinity creatine transporter (PubMed:31784090). Functions also as a pH -independent carnitine efflux transporter (PubMed:21886157). {ECO:0000269|PubMed:21886157, ECO:0000269|PubMed:31784090}.

Molecular Weight:

55.8 kDa

UniProt:

[Q7RTY1](#)

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.

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