

Datasheet for ABIN7549475

SLC16A7 Protein (AA 1-478) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC16A7
Protein Characteristics:	AA 1-478
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC16A7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SLC16A7 Protein expressed in mammalien cells.
Sequence:	MPPMPSAPPV HPPPDGGGWG IVVGAAFISI GFSYAFPKAV TVFFKEIQQI FHTTYSEIAW ISSIMLAVMY AGGPVSSVLV NKYGSRPVVI AGLLCCLGM VLASFSSSVV QLYLTMGFIT GLGLAFNLQP ALTIIGKYFY RKRPMANGLA MAGSPVFLSS LAPFNQYLFN TFGWKGSFLI LGSLLLNACV AGSLMRPLGP NQTTSKSKNK TGKTEDDSSP KKIKTKKSTW EKVNKYLDIFS LFKHRGFLIY LSGNVIMFLG FFAPIIIFLAP YAKDQGIDEY SAAFLLSVMA FVDMFARPSV GLIANSKYIR PRIQYFFSFA IMFNGVCHLL CPLAQDYTSL VLYAVFFGLG FGSVSSVLFE TLMDLVGAPR FSSAVGLVTI VECGPVLLGP PLAGKLVDLT GEYKMYMSC GAIVVAASVW LLIGNAINYR LLAKERKEEN ARQKTRESEP LSKSKHSEDV NVKVSNAQSV TSERETNI 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:

SLC16A7

Alternative Name:

SLC16A7 ([SLC16A7 Products](#))

Background:

Monocarboxylate transporter 2 (MCT 2) (Solute carrier family 16 member 7),FUNCTION: Proton-coupled monocarboxylate symporter. Catalyzes the rapid transport across the plasma membrane of monocarboxylates such as L-lactate, pyruvate and ketone bodies, acetoacetate, beta-hydroxybutyrate and acetate (PubMed:9786900, PubMed:32415067). Dimerization is functionally required and both subunits work cooperatively in transporting substrate (PubMed:32415067). {ECO:0000269|PubMed:32415067, ECO:0000269|PubMed:9786900}.

Molecular Weight:

52.2 kDa

UniProt:

[O60669](#)

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

Application Details

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