

Datasheet for ABIN7562029

## SLC16A6 Protein (AA 1-607) (His tag)



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### Overview

Quantity:	1 mg
Target:	SLC16A6
Protein Characteristics:	AA 1-607
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC16A6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Slc16a6 Protein expressed in mammalian cells.
Sequence:	<p>MRASGQGPQR RRRGWATRDD SAVTFRDPQP RQPAGGARAL RGPDRGPAR AHQAGPLLAG</p> <p>ARRSQHMGVGG APPRPAETGC SRSRMTQKNS KLCARANVYT QVPDGGWGWA VAVSFFFVEV</p> <p>FTYGIKSFG VFFNDLMDSF DESNSKISWI ISICVFLTF TAPLSTVLSN RFGHRLVMA</p> <p>GGLLISLGMI TASFSQRVYH MYISIGVISG LGYCFSFLPT VTILSQYFDK RRSVVTAVAS</p> <p>TGECFAVFAF APAITALKEH IGWRYSLLFV GLLQLNIMVC GALLRPPIIQ GPGQSPKAVT</p> <p>LEPRREVQYM LENEKTRTSI DSIDSGVELT TSPKNVPSEA KMEQETRAEQ QQTLVTAPKH</p> <p>SQMKAPLLDF SVLKEKSFIC YALFGLFATL GFFAPSLYII PLGISLGIDP DRAAFLLSTM</p> <p>AIAEVFGRIG AGFVLNREPI RKIYIELICV ILLTASLFAF TFATEFWGLM LCSVFFGSMV</p> <p>GTIGGTHIPM LAEDDVVGIE KMSSAAGVYV FIQSISGLAG PPLAGLLVDQ SKIYSRAFYS</p> <p>CAAGMCLAAV CLALVRPCKK GLCQNSHSGE NQTDRQRGKA LQDIPEDFLE MDLGKCEHRA</p> <p>HMKMDPV <b>Sequence without tag. The proposed Purification-Tag is based on experiences</b></p>

**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.
- 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:

SLC16A6

### Alternative Name:

Slc16a6 ([SLC16A6 Products](#))

### Background:

Monocarboxylate transporter 7 (MCT 7) (Monocarboxylate transporter 6) (MCT 6) (Solute carrier family 16 member 6),FUNCTION: Monocarboxylate transporter selective for taurine. May associate with BSG/CD147 or EMB/GP70 ancillary proteins to mediate facilitative efflux or influx of taurine across the plasma membrane. The transport is pH - and sodium-independent. Rather low-affinity, is likely effective for taurine transport in tissues where taurine is present at high concentrations. {ECO:0000250|UniProtKB:Q7TMR7}.

### Molecular Weight:

66.2 kDa

### UniProt:

[B1AT66](#)

## 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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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