

Datasheet for ABIN7557477

## SLC16A11 Protein (AA 1-447) (His tag)



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### Overview

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Quantity:                     | 1 mg                                            |
| Target:                       | SLC16A11                                        |
| Protein Characteristics:      | AA 1-447                                        |
| Origin:                       | Mouse                                           |
| Source:                       | HEK-293 Cells                                   |
| Protein Type:                 | Recombinant                                     |
| Purification tag / Conjugate: | This SLC16A11 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB)           |

### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Custom-made recombinat Slc16a11 Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence:        | <p>MTPKPAGPPD GGWGWVVA AAFVNGLSYG LLRSLGLALP DLAEHFERSA QDTAWVSALA</p> <p>LAVQQAASPV GSALSTRWGA RPVVMVGGVL TSLGLVFSAF ARSLLHLYLG LGLLAGSGWA</p> <p>LVFAPALGTL SRYFSRRRVL AVGLALTGNG ASSLLLAPAL QFLDFTGWR GALLLLGAVT</p> <p>LHLTPCGALL RPLALSGDPL APPRTPLAAL GLGLFKRRAF SVFALGTALI GGGYFVPYVH</p> <p>LGPLALDQGM GGYGAALVVA VAAVGDACAR LASGWLADQG WVPLPRLLVV FGSALTGLGVL</p> <p>AMGLVPTVGT EEGWGAPLLA AAGAYGLSAG SYAPLVFGVL PGLVGIGGVV QATGLVMMLM</p> <p>SLGGLLGPPL SGFLRDKTGD FSASFLVCSS FILSGSFIYM GLPRALPSCR PASPPATPPP</p> <p>ERGELLVPVQ VSLLSAGGTG SIRDTC <b>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.</b></p> |
| Characteristics: | Key Benefits:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## Product Details

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- 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 |
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## Target Details

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|         |          |
|---------|----------|
| Target: | SLC16A11 |
|---------|----------|

|                   |                                                |
|-------------------|------------------------------------------------|
| Alternative Name: | Slc16a11 ( <a href="#">SLC16A11 Products</a> ) |
|-------------------|------------------------------------------------|

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Monocarboxylate transporter 11 (MCT 11) (Solute carrier family 16 member 11),FUNCTION: Proton-linked monocarboxylate transporter. It catalyzes the transport of pyruvate across the plasma membrane. Probably involved in hepatic lipid metabolism: overexpression results in an increase of triacylglycerol(TAG) levels, small increases in intracellular diacylglycerols and decreases in lysophosphatidylcholine, cholesterol ester and sphingomyelin lipids.<br>{ECO:0000250 UniProtKB:Q8NCK7}. |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |          |
|-------------------|----------|
| Molecular Weight: | 45.2 kDa |
|-------------------|----------|

|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">Q5NC32</a> |
|----------|------------------------|

## Application Details

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| 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. |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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                                                        |