

Datasheet for ABIN7551717

## SLC35B4 Protein (AA 1-331) (His tag)



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### Overview

Quantity:	1 mg
Target:	SLC35B4
Protein Characteristics:	AA 1-331
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC35B4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat SLC35B4 Protein expressed in mammalian cells.
Sequence:	<p>MRPALAVGLV FAGCCSNVIF LELLARKHPG CGNIVTFAQF LFIAVEGFLF EADLGRKPPA</p> <p>IPIRYYAIMV TMFFTVSVVN NYALNLIAM PLHMIFRSGS LIANMILGII ILKKRYSIFK YTSIALVSVG</p> <p>IFICTFMSAK QVTSQSSLSE NDGFQAFVWW LLGIGALTFA LLMSARMGIF QETLYKRFGK</p> <p>HSKEALFYNH ALPLPGFVFL ASDIYDHAVL FNKSELYEIP VIGVTLPIMW FYLLMNIITQ</p> <p>YVCIRGVFIL TTECASLTVT LVVTLRKFSV LIFSILYFQN PFTLWHWLGT LFFVIGTLMY</p> <p>TEVWNNLGTT KSEPQKDSKK N <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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>
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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
Grade:	custom-made

## Target Details

Target:	SLC35B4
Alternative Name:	SLC35B4 ( <a href="#">SLC35B4 Products</a> )
Background:	<p>Nucleotide sugar transporter SLC35B4 (Solute carrier family 35 member B4) (UDP-xylose and UDP-N-acetylglucosamine transporter) (YEA4 homolog),FUNCTION: Antiporter that transports nucleotide sugars across the endoplasmic reticulum (ER) membrane in exchange for another nucleotide sugar. May couple UDP-alpha-D-glucuronate (UDP-GlcA) or UDP-alpha-D-xylose (UDP-Xyl) efflux to UDP-alpha-D-glucuronate (UDP-GlcA) influx into the ER lumen, which in turn stimulates glucuronidation and excretion of endobiotics and xenobiotics.</p> <p>{ECO:0000269 PubMed:16965264, ECO:0000305 PubMed:15911612}., FUNCTION: [Isoform 1]: Has UDP-GlcA:UDP-GlcNAc antiporter activity. {ECO:0000269 PubMed:16965264}., FUNCTION: [Isoform 2]: Has UDP-GlcA:UDP-GlcNAc antiporter activity. {ECO:0000269 PubMed:16965264}.</p>
Molecular Weight:	37.4 kDa
UniProt:	<a href="#">Q969S0</a>
Pathways:	<a href="#">Regulation of Carbohydrate Metabolic Process</a>

## 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