

Datasheet for ABIN7551715

SLC35A2 Protein (AA 1-396) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC35A2
Protein Characteristics:	AA 1-396
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC35A2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SLC35A2 Protein expressed in mammalian cells.
Sequence:	<p>MAAVGAGGST AAPGPGAVSA GALEPGTASA AHRRLKYISL AVLVVQNASL ILSIRYARTL PGDRFFATTA VVMAEVLKGL TCLLLLFAQK RGNVKHLVLF LHEAVLVQYV DTLKLAVPSL IYTLQNNLQY VAISNLPAAT FQVTYQLKIL TTALFSVLML NRSLRLQWA SLLLLFTGVA IVQAQQAGGG GPRPLDQNPQ AGLAADVASC LSSGFAGVYF EKILKGSSGS VWLRNLQLGL FGTALGLVGL WWAEGTAVAT RGFFFGYTPA VWGVVLNQAF GGLLVAVVVK YADNILKGFA TSLSIVLSTV ASIRLFGFHV DPLFALGAGL VIGAVVLYSL PRGAACKAIAS ASASASGPCV HQQPPGQPPP PQLSSHRGDL ITEPFLPKLL TKVKGS 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.</p>
Characteristics:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	SLC35A2
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Alternative Name:	SLC35A2 (SLC35A2 Products)
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Background:	UDP-galactose translocator (Solute carrier family 35 member A2) (UDP-galactose transporter) (UDP-Gal-Tr) (UGT),FUNCTION: Transports uridine diphosphate galactose (UDP-galactose) from the cytosol into the Golgi apparatus, functioning as an antiporter that exchanges UDP-galactose for UMP (PubMed:9010752, PubMed:12682060). It is also able to exchange UDP-galactose for AMP and CMP, and to transport UDP-N-acetylgalactosamine (UDP-GalNAc) and other nucleotide sugars (PubMed:12682060, PubMed:11784306). As a provider of UDP-galactose to galactosyltransferases present in the Golgi apparatus, it is necessary for globotriaosylceramide/globoside (Gb3Cer) synthesis from lactosylceramide (PubMed:30817854). {ECO:0000269 PubMed:11784306, ECO:0000269 PubMed:12682060, ECO:0000269 PubMed:23561849, ECO:0000269 PubMed:30817854, ECO:0000269 PubMed:30834435, ECO:0000269 PubMed:9010752}.
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Molecular Weight:	41.3 kDa
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UniProt:	P78381
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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