

Datasheet for ABIN7558161

Solute Carrier Family 35 (UDP-GlcNAc/UDP-Glucose Transporter), Member D2 (SLC35D2) (AA 1-326) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Solute Carrier Family 35 (UDP-GlcNAc/UDP-Glucose Transporter), Member D2 (SLC35D2)
Protein Characteristics:	AA 1-326
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Slc35d2 Protein expressed in mammalian cells.
Sequence:	<p>MEEPNAAPLP SRLARLLSAL FYGTCSFLIV LVNKALLTTY GFPSPIVLGI GQMATTIMIL</p> <p>YVFKLNKIIH FPDFDKKIPG KLFPLPLLYV GNHISGLSST SKLSLPMFTV LRKFTIPFTL LLEAII LGTQ</p> <p>YSLNIILSVL AIVLGAFIAA GSDLTFNLEG YVVFVFLNDIF TAANGVYTKQ KMDPKELGKY</p> <p>GVLFYNACFM LIPTVIISVS TGDFQQATEF RHWKNVLFII QFLLSCLLG FLLMYSTALCS</p> <p>YYNSALTTAV VGAIKNVSA YIGMLVGGDY IFSLLNFIGL NICMAGGLRY SFLTSSQLK</p> <p>PKQPVDEESI PLDLKS 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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.
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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
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Grade:	custom-made
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Target Details

Target:	Solute Carrier Family 35 (UDP-GlcNAc/UDP-Glucose Transporter), Member D2 (SLC35D2)
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Alternative Name:	Slc35d2 (SLC35D2 Products)
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Background:	Nucleotide sugar transporter SLC35D2 (Solute carrier family 35 member D2) (UDP-galactose transporter-related protein 8) (UGTrel8),FUNCTION: Nucleotide sugar antiporter transporting UDP-N-acetylglucosamine (UDP-GlcNAc) and UDP-glucose (UDP-Glc) from the cytosol into the lumen of the Golgi in exchange of UMP. By supplying UDP-N-acetylglucosamine, a donor substrate to heparan sulfate synthases, probably takes part in the synthesis of these glycoconjugates. {ECO:0000250 UniProtKB:Q76EJ3}.
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Molecular Weight:	35.9 kDa
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UniProt:	Q762D5
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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