

Product Information

MemDX™ Membrane Protein Human SLC35D1 (Solute carrier family 35 member D1) Full

Length

Cat. No.: **MPC1561K**

This product is for research use only and is not intended for diagnostic use.

This product is a 39.2 kDa Human SLC35D1 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

SLC35D1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

39.2 kDa

TMD

8

Sequence

MAEVHRRQHARVKGEAPAKSSTLRDEEELGMSAETLTVFLKLLAAGFYG
VSSFLIVVVKSVLTNYRFPSSLCVGLGQMVATVAVLWVGKALRVVKFPD
LDRNVPRKTFPLPLYFGNQITGLFSTKKLNLPMFTVLRRFSILFTMFAE
GVLLKKTFSWGIKMTVFAMIIGAFVAASSDLAFDLEGYAFILINDVLTAA
NGAYVKQKLDSKELGKYGLLYNALFMILPTLAIYFTGDAQKAVEFEGW
ADTLFLLQFTLSCVMGFILMYATVLCTQYNSALTTTIVGCIKNILITYIG
MVFGGDYIFTWTNFIGLNISIAGSLVYSYITFTEEQLSKQSEANNKLDIK
GKGAV

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SLC35D1

Full Name

Solute carrier family 35 member D1

Introduction

Glycosylation of cellular glycoconjugates occurs in the endoplasmic reticulum (ER) and Golgi compartment, and requires transport of nucleotide sugars from the cytosol into the lumen of the ER and Golgi by specific transporters. The protein encoded by this gene resides in the ER, and transports both UDP-glucuronic acid (UDP-GlcA) and UDP-N-acetylgalactosamine (UDP-GalNAc) from the cytoplasm to the ER lumen. It may participate in glucuronidation and/or chondroitin sulfate biosynthesis. Mutations in this gene are associated with Schneckenbecken dysplasia.

Alternative Names

SLC35D1; SHNKND; UGTREL7; UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter; UDP-GlcA/UDP-GalNAc transporter; UDP-galactose transporter-related 7; UDP-galactose transporter-related protein 7; solute carrier family 35 (UDP-GlcA/UDP-GalNAc transporter), member D1; solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylgalactosamine dual transporter), member D1; Solute carrier family 35 member D1

Gene ID

[23169](#)

UniProt ID

[Q9NTN3](#)