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Product Information

MemDX™ Membrane Protein Human SLC35B2 (Solute carrier family 35 member B2) Full Length

Cat. No.: **MPC1802K**
This product is for research use only and is not intended for diagnostic use.

This product is a 47.5 kDa Human SLC35B2 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
SLC35B2

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
47.5 kDa

TMD
9

Sequence
MDARWWAVVVLAAFPSLGAGGETPEAPPESWTQLWFFRFVVNAAGYASFM
VPGYLLVQYFRRKNYLETGRGLCFPLVKACVFGNEPKASDEVPLAPRTEA
AETTPMWQALKLLFCATGLQVSYLTWGVLQERVMTRSYGATATSPGERFT
DSQFLVLMNRVLALIVAGLSCVLCKQPRHGAPMYRYSFASLSNVLSSWCQ
YEALKFVSFPTQVLAKASKVIPVMLMGKLVSRRSYEHWEYLTATLISIGV
SMFLLSSGPEPRSSPATTLSGLILLAGYIAFDSFTSNWQDALFAYKMSSV
QMMFGVNFFSCLFTVGSLLEQGALLEGTRFMGRHSEFAAHALLLSICSAC
GQLFIFYTIGQFGAAVFTIIMTLRQAFAILLSCLLYGHTVTVVGGLGVAV
VFAALLLRVYARGRLKQRGKKAVPVESPVQKV

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 -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SLC35B2

Full Name

Solute carrier family 35 member B2

Introduction

Sulfotransferases (e.g., SULT4A1; MIM 608359) use an activated form of sulfate, 3-prime-phosphoadenosine 5-prime-phosphosulfate (PAPS), as a common sulfate donor for sulfation of glycoproteins, proteoglycans, and glycolipids in the endoplasmic reticulum and Golgi apparatus. SLC35B2 is located in the microsomal membrane and transports PAPS from the cytosol, where it is synthesized, into the Golgi lumen.

Alternative Names

SLC35B2; SLL; PAPST1; UGTrel4; adenosine 3'-phospho 5'-phosphosulfate transporter 1; 3'-phosphoadenosine 5'-phosphosulfate transporter; PAPS transporter 1; putative MAPK-activating protein PM15; putative NF-kappa-B-activating protein 48; solute carrier family 35 (adenosine 3'-phospho 5'-phosphosulfate transporter), member B2; solute carrier family 35 member B2 variant 2; Solute carrier family 35 member B2

Gene ID

347734

UniProt ID

Q8TB61