

Product Information

MemDX™ Membrane Protein Human SLC35A1 (Solute carrier family 35 member A1) Full

Length

Cat. No.: **MPC1120K**

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

This product is a 36.7 kDa Human SLC35A1 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

SLC35A1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

36.7 kDa

TMD

10

Sequence

MAAPRDNVTLLFKLYCLAVMTLMAAVYTIALRYTRTSDKELYFSTTAVCI
TEVIKLLLSVGILAKETGSLGRFKASLRENVLGSPKELLKLSVPSLVYAV
QNNMAFLALSNLDAAVYQVTYQLKIPCTALCTVLMNRTLSKLQWVSVFM
LCAGVTLVQWKPAQATKVVEQNPLLGFGAIAIIVLCSGFAGVYFEKVLK
SSDTS LWVRNIQMYLSGIIVTLAGVYLSDGAEIKEKGFFYGYTYVWFVI
FLASVGGLYTSVVVKYTDNIMKGFSAAAIVLSTIASVMLFGLQITLTFA
LGTLLVCVSIYLYGLPRQDTTSIQQGETASKERVIGV

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**

SLC35A1

Full Name

Solute carrier family 35 member A1

Introduction

The protein encoded by this gene is found in the membrane of the Golgi apparatus, where it transports nucleotide sugars into the Golgi. One such nucleotide sugar is CMP-sialic acid, which is imported into the Golgi by the encoded protein and subsequently glycosylated. Defects in this gene are a cause of congenital disorder of glycosylation type 2F (CDG2F). Two transcript variants encoding different isoforms have been found for this gene.

Alternative Names

SLC35A1; CST; hCST; CDG2F; CMPST; CMP-sialic acid transporter; CMP-SA-Tr; CMP-Sia-Tr; mutated CMP-sialic acid transporter A1; solute carrier family 35 (CMP-sialic acid transporter), member 1; solute carrier family 35 (CMP-sialic acid transporter), member A1; solute carrier family 35 (UDP-galactose transporter), member 1; Solute carrier family 35 member A1

Gene ID

[10559](#)

UniProt ID

[P78382](#)