

# Product Information

## MemDX™ Membrane Protein Human SLC35A2 (Solute carrier family 35 member A2) for Antibody Discovery

Cat. No.: **MP1214X**

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

This product is a 52.36 kDa Human SLC35A2 membrane protein expressed in *In vitro* wheat germ expression system. 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

SLC35A2

#### Protein Length

Full-length

#### Molecular Weight

52.36 kDa

#### TMD

10

#### Sequence

MAAVGAGGSTAAPGPGAVSAGALEPGTASAAHRRLLKYISLAVLVVQNASLILSIRYARTLPGDRFFATTAVVMAEVLKGLTCLLLLF

### Product Description

#### Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

GST-tag at N-terminal

#### Protein Format

Liposome

#### Form

Liquid

### **Purification**

Glutathione Sepharose 4 Fast Flow

### **Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

### **Storage**

Store at +4°C for up to one week or several months at -80°C

## **Target**

### **Target Protein**

SLC35A2

### **Full Name**

Solute carrier family 35 member A2

### **Introduction**

This gene encodes a member of the nucleotide-sugar transporter family. The encoded protein is a multi-pass membrane protein. It transports UDP-galactose from the cytosol into Golgi vesicles, where it serves as a glycosyl donor for the generation of glycans. Mutations in this gene cause congenital disorder of glycosylation type II<sub>m</sub> (CDG2M). Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

### **Alternative Names**

UGT; CDGX; UGAT; UGT1; UGT2; UGTL; CDG2M; UGALT; UDP-Gal-Tr; UDP-galactose translocator; solute carrier family 35 (UDP-galactose transporter), member 2; solute carrier family 35 (UDP-galactose transporter), member A2

### **Gene ID**

[7355](#)

### **UniProt ID**

[P78381](#)