

# Product Information

## MemDX™ Membrane Protein Human SLC1A5 (Solute carrier family 1 member 5) for Antibody Discovery

Cat. No.: **MP1161X**

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

This product is a 78.2 kDa Human SLC1A5 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

SLC1A5

#### Protein Length

Full-length

#### Molecular Weight

78.2 kDa

#### TMD

8

#### Sequence

MVADPPRDSKGLAAAEPTANGGLALASIEDQGAAAGGYCGSRDQVRRCLRANLLVLLTVVVCSLIGGAASLDPGALGRLGAWALLP

### 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**

SLC1A5

### **Full Name**

Solute carrier family 1 member 5

### **Introduction**

The SLC1A5 gene encodes a sodium-dependent neutral amino acid transporter that can act as a receptor for RD114/type D retrovirus.

### **Alternative Names**

R16; AAAT; ATBO; M7V1; RDRC; ASCT2; M7VS1; neutral amino acid transporter B(0); ATB(0); RD114 virus receptor; RD114/simian type D retrovirus receptor; baboon M7 virus receptor; neutral amino acid transporter B; sodium-dependent neutral amino acid transporter type 2; solute carrier family 1 (neutral amino acid transporter), member 5

### **Gene ID**

[6510](#)

### **UniProt ID**

[Q15758](#)