

# Product Information

## **MemDX™ Membrane Protein Human SLC29A2 (Solute carrier family 29 member 2)**

**expressed in *In vitro* wheat germ expression system for Antibody Discovery**

Cat. No.: **MP1203X**

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

This product is a 65.45 kDa Human SLC29A2 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**

SLC29A2

#### **Protein Length**

Full-length

#### **Molecular Weight**

65.45 kDa

#### **TMD**

11

#### **Sequence**

MARGDAPRDSYHLVGISFFILGLGTLLPWNFFITAIPYFQARLAGAGNSTARILSTNHTGPEDAFNFNHWVTLLSQLPLLLFTLLNSFL

### 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**

SLC29A2

### **Full Name**

Solute carrier family 29 member 2

### **Introduction**

The uptake of nucleosides by transporters, such as SLC29A2, is essential for nucleotide synthesis by salvage pathways in cells that lack de novo biosynthetic pathways. Nucleoside transport also plays a key role in the regulation of many physiologic processes through its effect on adenosine concentration at the cell surface

### **Alternative Names**

ENT2; DER12; HNP36; equilibrative nucleoside transporter 2; 36 kDa nucleolar protein HNP36; delayed-early response protein 12; equilibrative NBMPR-insensitive nucleoside transporter; equilibrative nitrobenzylmercaptopurine riboside-insensitive nucleoside transporter; hydrophobic nucleolar protein, 36 kDa; hydrophobic nucleolar protein, 36kD; nucleoside transporter, ei-type; solute carrier family 29 (equilibrative nucleoside transporter), member 2; solute carrier family 29 (nucleoside transporters), member 2

### **Gene ID**

[3177](#)

### **UniProt ID**

[Q14542](#)