

# Product Information

## MemDX™ Membrane Protein Human SLC9A6 (Solute carrier family 9 member A6) for Antibody Discovery

Cat. No.: **MP1273X**

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

This product is a 104.3 kDa Human SLC9A6 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

SLC9A6

#### Protein Length

Full-length

#### Molecular Weight

104.3 kDa

#### TMD

12

#### Sequence

MARRGWRRAPLRRGVGSSPRARRLMRPLWLLAVGVFDWAGASDGGGGGEARAMDEEIVSEKQAEESHQRQDSANLLIFILLTLTIL

### 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**

SLC9A6

### **Full Name**

Solute carrier family 9 member A6

### **Introduction**

This gene encodes a sodium-hydrogen exchanger that is a member of the solute carrier family 9. The encoded protein localizes to early and recycling endosomes and may be involved in regulating endosomal pH and volume. Defects in this gene are associated with X-linked syndromic cognitive disability, Christianson type. Alternate splicing results in multiple transcript variants.

### **Alternative Names**

MRSA; NHE6; sodium/hydrogen exchanger 6; Na(+)/H(+) exchanger 6; solute carrier family 9 (sodium/hydrogen exchanger), member 6; solute carrier family 9, subfamily A (NHE6, cation proton antiporter 6), member 6

### **Gene ID**

[10479](#)

### **UniProt ID**

[Q92581](#)