

# Product Information

## MemDX™ Membrane Protein Human SLC39A10 (Solute carrier family 39 member 10) for Antibody Discovery

Cat. No.: **MP1232X**

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

This product is a 120.5 kDa Human SLC39A10 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

SLC39A10

#### Protein Length

Full-length

#### Molecular Weight

120.5 kDa

#### TMD

7

#### Sequence

MKVHMHTKFCLICLLTFIFHHCNHCHEEHDGPEALHRQHRGMTELEPSKFSKQAAENEKKYYIEKLFERYGENGRLSFFGLEKLLT

### 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

SLC39A10

### Full Name

Solute carrier family 39 member 10

### Introduction

Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A10 belongs to a subfamily of proteins that show structural characteristics of zinc transporters

### Alternative Names

LZT-Hs2; zinc transporter ZIP10; ZIP-10; solute carrier family 39 (metal ion transporter), member 10; solute carrier family 39 (zinc transporter), member 10; zrt- and Irt-like protein 10

### Gene ID

[57181](#)

### UniProt ID

[Q9ULF5](#)