

# Product Information

## **MemDX™ Membrane Protein Human SLC7A4 (Solute carrier family 7 member 4) expressed in *In vitro* wheat germ expression system for Antibody Discovery**

Cat. No.: **MP1267X**

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

This product is a 96.25 kDa Human SLC7A4 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

SLC7A4

#### Protein Length

Full-length

#### Molecular Weight

96.25 kDa

#### TMD

13

#### Sequence

MARGLPTIASLARLCQKLNRLKPLEDSIMETSLRRCLSTLDLTLLGVGGMVGSGLYVLTGAVAKEVAGPAVLLSFGVAAVASLLAALC

### 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**

SLC7A4

**Full Name**

Solute carrier family 7 member 4

**Introduction**

The SLC7A4 gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, and frog.

**Alternative Names**

VH; CAT4; CAT-4; HCAT3; cationic amino acid transporter 4; Ig heavy chain variable region; VH 3 family; solute carrier family 7 (cationic amino acid transporter, y+ system), member 4; solute carrier family 7 (orphan transporter), member 4

**Gene ID**

[6545](#)

**UniProt ID**

[O43246](#)