

# Product Information

## **MemDX™ Membrane Protein Human SLC50A1 (Solute carrier family 50 member 1)**

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

Cat. No.: **MP1073X**

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

This product is a 45.4 kDa Human SLC50A1 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**

SLC50A1

#### **Protein Length**

Full-length

#### **Molecular Weight**

45.4 kDa

#### **TMD**

7

#### **Sequence**

MEAGGFLDSLIIYGACVVFTLGMFSAGLSDLRHRMTRSVDNVQFLPFLTTEVNNLGWLSYGALKGDGILIVVNTVGAALQTLTYILAY

### 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

#### **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**

SLC50A1

**Full Name**

Solute carrier family 50 member 1

**Introduction**

Mediates sugar transport across membranes. May stimulate V(D)J recombination by the activation of RAG1.

**Alternative Names**

SCP; slv; SWEET1; RAG1AP1; HsSWEET1; sugar transporter SWEET1; RAG1-activating protein 1; RP11-540D14.5; RZPDo834D038D; probable sugar transporter RAG1AP1; recombination activating gene 1 activating protein 1; solute carrier family 50 (sugar efflux transporter), member 1; solute carrier family 50 (sugar transporter), member 1; stromal cell protein

**Gene ID**

[55974](#)

**UniProt ID**

[Q9BRV3](#)