

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](#)