

Product Information

MemDX™ Membrane Protein Human SLC52A1 (Solute carrier family 52 member 1) for Antibody Discovery

Cat. No.: **MP0450X**

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

This product is a 72.8 kDa Human SLC52A1 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

SLC52A1

Protein Length

Full-length

Molecular Weight

72.8 kDa

TMD

11

Sequence

MAAPTGLGRLVLTHLLVALFGMGSWAAVNGIWWELPVVVKDLPEGWSLPSYLSVVVALGNLGLLVVTLWRRLAPGKGQVPIQVVQV

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 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

SLC52A1

Full Name

Solute carrier family 52 member 1

Introduction

Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes a member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of this protein can cause maternal riboflavin deficiency. Multiple alternatively spliced variants, encoding the same protein, have been identified

Alternative Names

PAR2; RFT1; RBFVD; RFVT1; hRFT1; GPCR42; GPR172B; huPAR-2

Gene ID

[55065](#)

UniProt ID

[Q9NWF4](#)