

Product Information

MemDX™ Membrane Protein Human SLC66A1 (Solute carrier family 66 member 1) for Antibody Discovery

Cat. No.: **MP1038X**

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

This product is a 51.2 kDa Human SLC66A1 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

SLC66A1

Protein Length

Full-length

Molecular Weight

51.2 kDa

TMD

7

Sequence

MDQALSLWFLLGWIGGDSCNLIGSFLADQLPLQTYTAVYYVLADLVMLTLYFYKFRTRPSLLSAPINSVLLFLMGMACATPLLSAAG

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, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Storage

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

Target**Target Protein**

SLC66A1

Full Name

Solute carrier family 66 member 1

Introduction

Amino acid transporter that specifically mediates the pH-dependent export of the cationic amino acids arginine, histidine and lysine from lysosomes.

Alternative Names

LAAT1; PQLC2; LAAT-1; lysosomal amino acid transporter 1 homolog; PQ loop repeat containing 2; PQ-loop repeat-containing protein 2

Gene ID

[54896](#)

UniProt ID

[Q6ZP29](#)