

Product Information

MemDX™ Membrane Protein Human SLC38A3 (Solute carrier family 38 member 3) for Antibody Discovery

Cat. No.: **MP1230X**

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

This product is a 81.18 kDa Human SLC38A3 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

SLC38A3

Protein Length

Full-length

Molecular Weight

81.18 kDa

TMD

10

Sequence

MEAPLQTEMVELVPNGKHSEGLLPVITPMAGNQRVEDPARSCMEGKSFLQKSPSKEPHFTDFEGKTSFGMSVFNLSNAIMGSGILC

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**

SLC38A3

Full Name

Solute carrier family 38 member 3

Introduction

The SLC38A3 gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, A.thaliana, rice, and frog.

Alternative Names

G17; SN1; NAT1; SNAT3; sodium-coupled neutral amino acid transporter 3; N-system amino acid transporter 1; Na(+)-coupled neutral amino acid transporter 3; system N amino acid transporter 1; system N1 Na+ and H+-coupled glutamine transporter

Gene ID

[10991](#)

UniProt ID

[Q99624](#)