

Product Information

MemDX™ Membrane Protein Human SLC38A4 (Solute carrier family 38 member 4) for Antibody Discovery

Cat. No.: **MP1231X**

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

This product is a 87.2 kDa Human SLC38A4 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

SLC38A4

Protein Length

Full-length

Molecular Weight

87.2 kDa

TMD

10

Sequence

MDPMELRNVNIEPDDSSSGESAPDSYIGIGNSEKAAMSSQFANEDTESQKFLTNGFLGKKKLADYADEHHPGTTSTFGMSSFNLSM

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

SLC38A4

Full Name

Solute carrier family 38 member 4

Introduction

SLC38A4 is found predominantly in liver and transports both cationic and neutral amino acids. The transport of cationic amino acids by SLC38A4 is Na(+) and pH independent, while the transport of neutral amino acids is Na(+) and pH dependent

Alternative Names

ATA3; NAT3; PAAT; SNAT4; sodium-coupled neutral amino acid transporter 4; N amino acid transporter 3; Na(+)-coupled neutral amino acid transporter 4; amino acid transporter A3; amino acid transporter system A3; system A amino acid transporter 3; system N amino acid transporter 3

Gene ID

[55089](#)

UniProt ID

[Q969I6](#)