

Product Information

MemDX™ Membrane Protein Human SLC9A1 (Solute carrier family 9 member A1) for Antibody Discovery

Cat. No.: **MP1272X**

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

This product is a 61.1 kDa Human SLC9A1 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

SLC9A1

Protein Length

Full-length

Molecular Weight

61.1 kDa

TMD

12

Sequence

MVLRSGICGLSPHRIFPSLLVVVALVGLLPVLRSGLQLSPTASTIRSSEPPRERSIGDVTAPPEVTPESRPVNHVSVDHGMKPRKA

Product Description

Application

Antibody Production

Expression Systems

in vitro wheat germ expression system

Tag

NO

Protein Format

Liposome

Form

Liquid

Purification

None

Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol

Storage

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

Target**Target Protein**

SLC9A1

Full Name

Solute carrier family 9 member A1

Introduction

This gene encodes a Na⁺/H⁺ antiporter that is a member of the solute carrier family 9. The encoded protein is a plasma membrane transporter that is expressed in the kidney and intestine. This protein plays a central role in regulating pH homeostasis, cell migration and cell volume. This protein may also be involved in tumor growth.

Alternative Names

PNH; NHE1; LIKNS; NHE-1; PPP1R143; sodium/hydrogen exchanger 1; Na⁽⁺⁾/H⁽⁺⁾ exchanger 1; Na-Li countertransporter; protein phosphatase 1, regulatory subunit 143; solute carrier family 9 (sodium/hydrogen exchanger), member 1 (antiporter, Na⁺/H⁺, amiloride sensitive); solute carrier family 9, subfamily A (NHE1, cation proton antiporter 1), member 1

Gene ID

[6548](#)

UniProt ID

[P19634](#)