

Product Information

MemDX™ Membrane Protein Human SLC9A1 (Solute carrier family 9 member A1) Expressed in Wheat germ for Antibody Discovery, Partial (31-130aa)

Cat. No.: **MPX0073K**

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

This product is a 36 kDa Human SLC9A1 membrane protein expressed in Wheat germ. 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

Partial (31-130aa)

Protein Class

Transporter

Molecular Weight

36 kDa

TMD

12

Sequence

VLRSHGLQLSPTASTIRSSE
PPRERSIGDVTAPPEVTPESRPVNHSVTDHGMKPRKAFPVLGIDYTHVR
TPFEISLWILLACLMKIGFHVPTISSIVP

Product Description

Expression Systems

Wheat germ

Protein Format

Soluble

Form

Liquid

Buffer

pH: 8.00, Constituents: 0.31% Glutathione, 0.79% Tris HCl

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

APNH; 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; SLC9A1; Solute carrier family 9 member A1

Gene ID

[6548](#)

UniProt ID

[P19634](#)