

Product Information

MemDX™ Membrane Protein Human SLC8B1 (Solute carrier family 8 member B1) Full

Length

Cat. No.: **MPC0917K**

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

This product is a 64.2 kDa Human SLC8B1 membrane protein expressed in HEK293. 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

SLC8B1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

64.2 kDa

TMD

13

Sequence

MAGRRLNLRWALSVLCVLLMAETVSGTRGSSTGAHISPQFPASGVNQTPV
VDCRKVCGLNVSDRCDFIRTNPDCHSDGGYLDYLEGIFCHFPPSLLPLAV
TLYVSWLLYLFLILGVTAAKFFCPNLISAISTTLKLSHNVAGVTFLAFGNG
APDIFSALVAFSDPHTAGLALGALFGAGVLVTTTVAGGITILHPFMAASR
PFFRDIVFYMVAVFLTFLMLFRGRVTLAWALGYLGLYVFYVVTVILCTWI
YQRQRGSLFCMPVTPPEILSDSEEDRVSSNTNSYDYGDEYRPLFFYQET
TAQILVRALNPLDYMKWRRKSAYWKALKVFKLPVEFLLLLTVPVVDPKD
DQNWKRPLNCLHLVISPLVVLTLSQSGTYGVYEIGGLVPVWVVVVIAGTA
LASVTFATSDSQPPRLHWLFAFLGFLTSALWINAAATEVNVILRSLGVV
FRLSNTVLGLTLLAWGNSIGDAFSDFTLARQGYPRMAFSACFGGIIFNIL
VGVGLGCLLQISRSHTEVKLEPDGLLVWVLAGALGLSLVFSVSVPLQCF
QLSRVYGFCLLLFYLNFLVALLTEFGVIHLKSM

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SLC8B1

Full Name

Solute carrier family 8 member B1

Introduction

SLC24A6 belongs to a family of potassium-dependent sodium/calcium exchangers that maintain cellular calcium homeostasis through the electrogenic countertransport of 4 sodium ions for 1 calcium ion and 1 potassium ion.

Alternative Names

NCLX; NCKX6; SLC24A6; mitochondrial sodium/calcium exchanger protein; Na(+)/K(+)/Ca(2+)-exchange protein 6; sodium/calcium exchanger protein, mitochondrial; sodium/potassium/calcium exchanger 6, mitochondrial; solute carrier family 24 (sodium/lithium/calcium exchanger), member 6; solute carrier family 24 (sodium/potassium/calcium exchanger), member 6; solute carrier family 24 member 6; solute carrier family 8 (sodium/lithium/calcium exchanger), member B1; SLC8B1; Solute carrier family 8 member B1

Gene ID

[80024](#)

UniProt ID

[Q6J4K2](#)