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Product Information

MemDX™ Membrane Protein Human SLC9A7 (Solute carrier family 9 member A7) Full Length

Cat. No.: **MPC0924K**
This product is for research use only and is not intended for diagnostic use.

This product is a 80.1 kDa Human SLC9A7 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
SLC9A7

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
80.1 kDa

TMD
14

Sequence
MEPGDAARPGSGRATGAPPPRLLLLPLLLGWGLRVAAAASASSSGAAAED
SSAMEELATEKEAEESHRQDSVSLLTFILLLTLTILTIWLFKHRRVRFLH
ETGLAMIYGLIVGVILRYGTPATSGRDKSLSCTQEDRAFSTLLVNVSGKF
FEYTLKGEISPGKINSVEQNDMLRKVTFDPEVFFNILLPPIIFHAGYSLK
KRHFFRNLGSILAYAFLGTAVSCFIIGNLMYGVVKLMKIMGQLSDKFYYT
DCLFFGAIISATDPVTVLAIFNELHADVDLYALLFGESVLNDAVAIVLSS
SIVAYQPAGLNTHAFDAAAFFKSVGIFLGIFSGSFTMGAVTGVNANVTKF
TKLHCFPLLETALFFLMSWSTFLLAEACGFTGVVAVLFCGITQAHYTYNN
LSVESRSRTKQLFEVLHFLAENFIFSYMGLALFTFQKHVFSPIFIIGAFV
AIFLGRAAHIYPLSFFLNLGRRHKIGWNFQHMMMFSGLRGAMAFALAIRD
TASYARQMMFTTTLLIVFFTVWIIGGGTTPMLSWLNIRVGVEEPSEEDQN
EHHWQYFRVGVDPDQDPPPNNDSFQVLQGDGPDSARGNRTKQESAWIFRL
WYSFDHNYLKPILTHSGPPLTTTLPAWCGLLARCLTSPQVYDNQEPLREE
DSDFILTEGDLTLTYGDSTVTANGSSSSHTASTSLEGSRRTKSSSEEVLE
RDLGMGDQKVSSRGTRLVFPLEDNA

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

SLC9A7

Full Name

Solute carrier family 9 member A7

Introduction

This gene encodes a sodium and potassium/ proton antiporter that is a member of the solute carrier family 9 protein family. The encoded protein is primarily localized to the trans-Golgi network and is involved in maintaining pH homeostasis in organelles along the secretory and endocytic pathways. This protein may enhance cell growth of certain breast tumors. This gene is part of a gene cluster on chromosome Xp11.23. A pseudogene of this gene is found on chromosome 12. Alternate splicing results in multiple transcript variants.

Alternative Names

NHE7; NHE-7; MRX108; SLC9A6; sodium/hydrogen exchanger 7; Na(+)/H(+) exchanger 7; nonselective sodium potassium/proton exchanger; solute carrier family 9 (sodium/hydrogen exchanger); solute carrier family 9, subfamily A (NHE7, cation proton antiporter 7), member 7; SLC9A7; Solute carrier family 9 member A7

Gene ID

84679

UniProt ID

Q96T83

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