

Product Information

MemDX™ Membrane Protein Human SLC38A4 (Solute carrier family 38 member 4) Full

Length

Cat. No.: **MPC0842K**

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

This product is a 60.7 kDa Human SLC38A4 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

SLC38A4

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

60.7 kDa

TMD

10

Sequence

MDPMELRNVNIEPDDSSSGESAPDSYIGIGNSEKAAMSSQFANEDTESQ
KFLTNGFLGKKKLADYADEHHPGTTSTFGMSSFNLSNAIMGSGILGLSYAM
ANTGIILFIIMLLAVAILSLYSVHLLKTAKEGGSLIYEKLGEKAFGWPG
KIGAFVSITMQNIGAMSSYLFIKYELPEVIRAFMGLEENTGEWYLNNGNY
LIIFVSVGIILPLSLLKNLGYLGYSGLTCMVFFVSVVIYKKFQIPCP
LPVLDHSVGNLSFNNTLPMHVVMLPNNSESSDVNFMMDYTHRNPAGLDEN
QAKGSLHDSGVEYEAHSDDKCEPKYFVFNSRTAYAIPLVFAFVCHPEVL
PIYSELKDRSRKMQTVSNISITGMLVMYLLAALFGYLTFYGEVEDELLH
AYSKVYTLDIPLLMVRLAVLVAVTLTVPIVLFPIRTSVITLLFPKRPFSW
IRHFLIAAVLIAALNNVLVILVPTIKYIFGFIGASSATMLIFILPAVFYLK
LVKKETFRSPQKVGALIFLVVGIFFMIGSMALIIDWIYDPPNSKHH

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**

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; SLC38A4; Solute carrier family 38 member 4

Gene ID

[55089](#)

UniProt ID

[Q969I6](#)