

Product Information

MemDX™ Membrane Protein Human SLC29A4 (Solute carrier family 29 member 4) Full

Length

Cat. No.: **MPC0810K**

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

This product is a 58 kDa Human SLC29A4 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

SLC29A4

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

58 kDa

TMD

10

Sequence

MGSVGSQRLEEPSVAGTPDPGVVMSFTFDSHQLEEAEEAAQGQGLRARGV
PAFTDTTLDEPVPDDRYHAIYFAMLLAGVGFLLPYNSFITDVDYLHHKYP
GTSIVFDMSLTYYLVALAAVLLNNVLVERLTLHTRITAGYLLALGPLLI
SICDVWLQLFSRDQAYAINLAAGTVAFGCTVQQSSFYGYTGMLPKRYTQ
GVMTGESTAGVMISLSRILTKLLLPDERASTLIFFLVSALELLCFLHL
LVRRSRFVLFYTTTPRDSHRGRPGLGRGYGYRVHHDVVAGDVHFEHPAPA
LAPNESPKDSAPAHEVTGSGGAYMRFDVPRPRVQRSWPTFRALLHRYVVA
RVIWADMLSIYVTFITLCLFPGLESEIRHCILGEWLPILIMAVFNLSDF
VGKILAAPVDWRGTHLLACSLRVVFIPLFILCVYPSGMPALRHPAWPC
IFSLLMGISNGYFGSVPMLAAGKVSPKQRELAGNTMTVSYSMSGLTLGSA
VAYCTYSLTRDAHGSCLHASTANGSILAGL

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**

SLC29A4

Full Name

Solute carrier family 29 member 4

Introduction

This gene encodes a member of the SLC29A/ENT transporter protein family. The encoded membrane protein catalyzes the reuptake of monoamines into presynaptic neurons, thus determining the intensity and duration of monoamine neural signaling. It has been shown to transport several compounds, including serotonin, dopamine, and the neurotoxin 1-methyl-4-phenylpyridinium. Alternative splicing results in multiple transcript variants.

Alternative Names

ENT4; PMAT; equilibrative nucleoside transporter 4; plasma membrane monoamine transporter; solute carrier family 29 (equilibrative nucleoside transporter), member 4; solute carrier family 29 (nucleoside transporters), member 4; SLC29A4; Solute carrier family 29 member 4

Gene ID

[222962](#)

UniProt ID

[Q7RTT9](#)