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Product Information

MemDX™ Membrane Protein Human SLC38A8 (Solute carrier family 38 member 8) Full Length

Cat. No.: **MPC2066K**
This product is for research use only and is not intended for diagnostic use.

This product is a 46.7 kDa Human SLC38A8 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
SLC38A8

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
46.7 kDa

TMD
11

Sequence
MEGQTPGSRGLPEKPHPATAAATLSSMGAVFILMKSALGAGLLNFPWAFS
KAGGVVPAFLVELVSLVFLISGLVILGYAAAVSGQATYQGVVRGLCGPAI
GKLCEACFLLNLLMISVAFLRVIGDQLEKLCDSLLSGTPPAPQPWYADQR
FTLPLLSVLVILPLSAPREIAFQKYTSILGTLAACYLALVITVQYYLWPQ
GLVRESHPSLSPASWTSVFSVFPTICFGFQCHEAAVSIYCSMRKRSLSHW
ALVSVLSLLACCLIYSLTGVYGFLTFGTEVSADVLMSYPGNDMVIIVARV
LFAVSIVTVYPIVLFLGRSVMQDFWRRSCLGGWGPSALADPSGLWVRMPL
TILWVTVTLAMALFMPDLSEIVSIIGGISSFFIFIFPGLCLICAMGVEPI
GPRVKCCLEVWGVVSVLVGTFIFGQSTAAAVWEMF

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

SLC38A8

Full Name

Solute carrier family 38 member 8

Introduction

This gene encodes a putative sodium-dependent amino-acid/proton antiporter. The protein has eleven transmembrane domains, an extracellular N-terminus and an intracellular C-terminal tail. The protein is a member of the SLC38 sodium-coupled neutral amino acid transporter family of proteins. Mutations in this gene result in foveal hypoplasia with or without optic nerve misrouting and/or anterior segment dysgenesis.

Alternative Names

SLC38A8; FVH2; putative sodium-coupled neutral amino acid transporter 8; Solute carrier family 38 member 8

Gene ID

146167

UniProt ID

A6NNN8