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Product Information

MemDX™ Membrane Protein Human SCN2B (Sodium voltage-gated channel beta subunit 2)

Full Length

Cat. No.: **MPC0702K**
This product is for research use only and is not intended for diagnostic use.

This product is a 24.3 kDa Human SCN2B 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
SCN2B

Protein Length
Full length

Protein Class
Transporter; Ion channel

Molecular Weight
24.3 kDa

TMD
1

Sequence
MHRDAWLPRPAFSLTGLSLFFSLVPPGRSMEVTVPATLNVLNGSDARLPC
TFNSCYTVNHKQFSLNWTYQECNNCSEEMFLQFRMKIINLKLERFQDRVE
FSGNPSKYDVSVMLRNVQPEDEGIYNCYIMNPPDRHRGHGKIHLQVLMEE
PPERDSTVAVIVGASVGGFLAVVILVLMVVKCVRRKKEQKLSTDDLKTEE
EGKTDGEGNPDDGAK

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 -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SCN2B

Full Name

Sodium voltage-gated channel beta subunit 2

Introduction

The protein encoded by this gene is the beta 2 subunit of the type II voltage-gated sodium channel. The encoded protein is involved in cell-cell adhesion and cell migration. Defects in this gene can be a cause of Brugada Syndrome, atrial fibrillation, or sudden infant death syndrome.

Alternative Names

ATFB14; sodium channel subunit beta-2; neuronal voltage-gated sodium channel beta 2 subunit; sodium channel, voltage gated, type II beta subunit; sodium channel, voltage-gated, type II, beta polypeptide; SCN2B; Sodium voltage-gated channel beta subunit 2

Gene ID

6327

UniProt ID

O60939