

Product Information

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

Cat. No.: **MP1104X**

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

This product is a 49.39 kDa Human SCN2B membrane protein expressed in *In vitro* wheat germ expression system. 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

Molecular Weight

49.39 kDa

TMD

1

Sequence

MHRDAWLPRPAFSLTGSLFFSLVPPGRSMEVTPATLNVLNGSDARLPCTFNSCYTVNHKQFSLNWTYQECNNCSEEMFLQFRM

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

In vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

Store at +4°C for up to one week or several months at -80°C

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

Gene ID

[6327](#)

UniProt ID

[O60939](#)