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Product Information

MemDX™ Membrane Protein Human SCN3B (Sodium voltage-gated channel beta subunit 3) for Antibody Discovery

Cat. No.: **MP1232J**
This product is for research use only and is not intended for diagnostic use.

This product is a 22.1 kDa Human SCN3B membrane protein expressed in HEK293T. 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
SCN3B

Protein Length
Full-length

Protein Class
Druggable Genome, Ion Channels: Sodium, Transmembrane

Molecular Weight
22.1 kDa

TMD
1

Sequence
MPAFNRLFPLASLVLIYWVSVCFPVCVEVPSETEAVQGNPMKLRCISCMKREEVEATTVVEWFYRPEGGK
DFLIYEYRNGHQEVESPFQGRLQWNGSKDLQDVSITVLNVTLNDSGLYTCNVSREFEFEAHRPFVKTTRL
IPLRVTEEAGEDFTSVVSEIMMYILLVFLTLWLLIEMIYCYRKVSKAEEAAQENASDYLAIPSENKENSA
VPVEE

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form
Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target

Target Protein

SCN3B

Full Name

Sodium voltage-gated channel beta subunit 3

Introduction

Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit and one or more regulatory beta subunits. They are responsible for the generation and propagation of action potentials in neurons and muscle. This gene encodes one member of the sodium channel beta subunit gene family, and influences the inactivation kinetics of the sodium channel. Two alternatively spliced variants, encoding the same protein, have been identified.

Alternative Names

ATFB16; BRGDA7; HSA243396; SCNB3; voltage-gated sodium channel beta-3 subunit; sodium channel, voltage-gated, type III, beta subunit

Gene ID

55800

UniProt ID

Q9NY72

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