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Product Information

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

Full Length

Cat. No.: **MPC0704K**
This product is for research use only and is not intended for diagnostic use.

This product is a 24.7 kDa Human SCN3B 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
SCN3B

Protein Length
Full length

Protein Class
Transporter; Ion channel

Molecular Weight
24.7 kDa

TMD
1

Sequence
MPAFNRLFPLASLVLIYWVSVCFPVCVEVPSETEAVQGNPMKLRCISCMK
REEVEATTVVEWFYRPEGGKDFLIYEYRNGHQEVESPFQGRLQWNGSKDL
QDVSITVLNVTLNDSGLYTCNVSREFEFEAHRPFVKTTRLIPLRVTEEAG
EDFTSVVSEIMMYILLVFLTLWLLIEMIYCYRKVSKAEEAAQENASDYLA
IPSENKENSAVPVEE

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

Protein Format

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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

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

SCNB3; ATFB16; BRGDA7; HSA243396; sodium channel subunit beta-3; sodium channel, voltage-gated, type III, beta subunit; voltage-gated sodium channel beta-3 subunit; SCN3B; Sodium voltage-gated channel beta subunit 3

Gene ID

55800

UniProt ID

Q9NY72

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