9051 Mira Mesa Blvd, #910094
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SCN3B Human

Sodium Channel Voltage-Gated, Type III Beta Human Recombinant
RCP2001

Product Overview

Name	SCN3B Human

Description

Sodium Channel Voltage-Gated, Type III Beta Human Recombinant

Accession (Primary)	Q9NY72

Synonyms

Sodium channel subunit beta-3 precursor, Sodium channel, voltage-gated, type III, beta subunit, HSA243396, SCNB3, KIAA1158.

Introduction

Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit and one or more regulatory beta subunits. SCN3B is a part of the sodium channel beta subunit gene family whose members are responsible for the generation and propagation of action potentials in neurons and muscle. SCN3B influences the inactivation kinetics of the sodium channel.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The SCN3B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS FPVCVEV PSETEAVQGN PMKLRCISCM KREEVEATTV VEWFYRPEGG KDFLIYEYRN GHQEVESPFQ GRLQWNGSKD LQDVSITVLN VTLNDSGLYT CNVSREFEFE AHRPFVKTTR LIPLRVTEEA GEDFTSVVSE.

Precautions

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SCN3B Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NY72)