

SCN3B Human, Sodium Channel Voltage-Gated, Type III Beta Human Recombinant Protein, Sf9

Catalog Number: PROTQ9NY72-1

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.

Overview

Product Name	SCN3B Human, Sodium Channel Voltage-Gated, Type III Beta Human Recombinant Protein, Sf9
Description	SCN3B Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 146 amino acids (23-159a.a.) and having a molecular mass of 16.8kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). SCN3B is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.
Size	2ug, 10ug, 1mg
Tag	
Form	Sterile Filtered colorless solution.
Source	Sf9, Baculovirus cells.
Formulation	SCN3B protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Concentration

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino Acid Sequence

ADFPVVCVEV PSETAVQGN PMKLRCISCM KREEVEATTV VEWFYRPEGG KDFLIYEYRN GHQEVESPFQ GRLQWNGSKD LQDVSITVLN

VTLNDSGLYT CNVSREFEFE AHRPFVKTR LIPLRVTEEA GEDFTSVVSE HHHHHH. [?/description_after_attributes?](#)

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