Recombinant Mouse Scn3b Protein, Myc/DDK-tagged

Cat. No. Scn3b-5716M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length sodium channel, voltage-gated, type III, beta (Scn3b), transcript variant 1, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Modulates channel gating kinetics. Causes unique persistent sodium currents. Inactivates the sodium channel opening more slowly than the subunit beta-1. Its association with NFASC may target the sodium channels to the nodes of Ranvier of developing axons and retain these channels at the nodes in mature myelinated axons.
Molecular Mass	24.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name	Scn3b sodium channel, voltage-gated, type III, beta [Mus musculus (house mouse)]
Official Symbol	Scn3b
Synonyms	Scn3b; sodium channel, voltage-gated, type III, beta; Scnb3; 1110001K16Rik; 4833414B02Rik; sodium channel subunit beta-3; brain and heart sodium channel beta 3 subunit
Gene ID	235281
mRNA Refseq	NM_153522
UniProt ID	Q8BHK2

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