

Recombinant Human SCN4B Protein, MYC/DDK-tagged

Cat. No. SCN4B-461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SCN4B protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is one of several sodium channel beta subunits. These subunits interact with voltage-gated alpha subunits to change sodium channel kinetics. The encoded transmembrane protein forms interchain disulfide bonds with SCN2A. Defects in this gene are a cause of long QT syndrome type 10 (LQT10). Three protein-coding and one non-coding transcript variant have been found for this gene.[provided by RefSeq, Mar 2009].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	22 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	sodium voltage-gated channel beta subunit 4 [Homo sapiens]
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Official Symbol	SCN4B
Synonyms	ATFB17; LQT10; Navbeta4
Gene ID	6330
mRNA Refseq	NM_001142348.1
Protein Refseq	NP_001135820.1
MIM	608256
UniProt ID	Q8IWT1

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