

## Recombinant Human SCN4B Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SCN4B protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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].</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	22 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	sodium voltage-gated channel beta subunit 4 [ Homo sapiens ]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Official Symbol</b>	SCN4B
<b>Synonyms</b>	ATFB17; LQT10; Navbeta4
<b>Gene ID</b>	6330
<b>mRNA Refseq</b>	NM_001142348.1
<b>Protein Refseq</b>	NP_001135820.1
<b>MIM</b>	608256
<b>UniProt ID</b>	Q8IWT1

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