

Recombinant Human SCN2B

Cat. No. SCN2B-31351TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Scn2b with N terminal proprietary tag; Predicted MWt 49.76 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	215 amino acids
Description	Sodium channel subunit beta-2 is a protein that in humans is encoded by the SCN2B gene.
Molecular Weight	49.760kDa inclusive of tags
Tissue specificity	Brain specific.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	MHRDAWLPRPAFSLTGLSLFFSLVPPGRSMEVTVPATLNV LNGSDARLPCTFNCSY TVNHKQFSLNWTYQECNNCSEEMF LQFRMKIINLKLERFQDRVEFSGNPSKYDVSV MLRNVQPE DEGIYNCYIMNPPDRHRGHGKIHLQVLMEEPPERDSTVAV IVGASVG GFLAVVILVLMVVKCVRRKKEQKLSTDDLKTEE EGKTDGEGNPDDGAK
Sequence Similarities	Belongs to the sodium channel auxiliary subunit SCN2B (TC 8.A.17) family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
GENE INFORMATION	
Gene Name	SCN2B sodium channel, voltage-gated, type II, beta [Homo sapiens]
Official Symbol	SCN2B
Synonyms	SCN2B; sodium channel, voltage-gated, type II, beta; sodium channel, voltage gated, type II, beta polypeptide; sodium channel subunit beta-2;
Gene ID	6327
mRNA Refseq	NM_004588
Protein Refseq	NP_004579
MIM	601327
Uniprot ID	O60939
Chromosome Location	11q22-qter
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-

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specific biosystem; Interaction between L1 and Ankyrins, organism-specific biosystem; L1CAM interactions, organism-specific biosystem;

Function

voltage-gated ion channel activity; voltage-gated sodium channel activity;

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