

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: 8.00 Constituents: 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 LNGSDARLPCTFNACY
 TVNHKQFSLNWTYQECNNCSEEMF LQFRMKIINLKLRFQDRVEFSGNPSKYDVSV
 MLRNVQPE DEGIYNCYIMNPPDRHRGHGKIHLQVLMEEPPERDSTVAV IVGASVG
 GFLAVVILVLMVVKCVRKKEQKLSDDLKTEE 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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