

Recombinant Human SCN2B protein, hFc-tagged

Cat. No. SCN2B-8616H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCN2B protein(O60939)(Met1-Ala159), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ala159
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human SCN2B /Fc is a disulfide-linked homodimer. The reduced monomer comprises 371 amino acids and has a predicted molecular mass of 42.2 kDa. The apparent molecular mass of the protein is approximately 53-57 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [SCN2B sodium channel, voltage-gated, type II, beta subunit \[Homo sapiens \]](#)

Official Symbol [SCN2B](#)

Synonyms

SCN2B; sodium channel, voltage-gated, type II, beta subunit; sodium channel, voltage gated, type II, beta , sodium channel, voltage gated, type II, beta polypeptide; sodium channel subunit beta-2; sodium channel beta 2 subunit; neuronal voltage-gated sodium channel beta 2 subunit; sodium channel, voltage-gated, type II, beta polypeptide;

Gene ID [6327](#)

mRNA Refseq [NM_004588](#)

Protein Refseq [NP_004579](#)

MIM [601327](#)

UniProt ID [O60939](#)

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