

Recombinant Human SCN2B, His tagged

Cat. No. SCN2B-310H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCN2B (O60939) (Met1-Ala159), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	1-159 a.a.
Predicted N Terminal	Met 30
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human SCN2B consists of 141 amino acids and predicts a molecular mass of 16.6 KDa. It migrates as an approximately 24-33 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. 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. 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

Gene ID 6327

mRNA Refseq NM_004588

Protein Refseq NP_004579

MIM 601327

UniProt ID O60939

Chromosome Location 11q22-qter

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