

## Recombinant Human SCN2B Protein, His-tagged

Cat. No. SCN2B-697H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human SCN2B fused with His tag at N-terminal was expressed in E. coli.

**Species** Human

**Source** E.coli

**Description** The protein encoded by this gene is the beta 2 subunit of the type II voltage-gated sodium channel. The encoded protein is involved in cell-cell adhesion and cell migration. Defects in this gene can be a cause of Brugada Syndrome, atrial fibrillation, or sudden infant death syndrome.

**Form** 25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.

**Molecular Mass** 24.1 kDa

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** >50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

**Gene Name** SCN2B sodium channel, voltage-gated, type II, beta subunit [ Homo sapiens ]

**Official Symbol** SCN2B

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**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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