

Product information

SCN3B, 23-159aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2285

Full name: Sodium channel subunit beta-3 precursor

NCBI Accession No.: NP_060870

Synonyms: Sodium channel, voltage-gated, type III, beta subunit, HSA243396, SCN3B

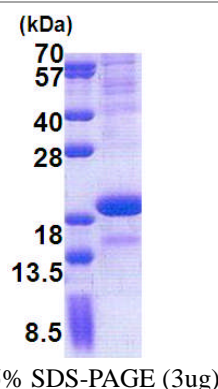
Description: Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit and one or more regulatory beta subunits. They are responsible for the generation and propagation of action potentials in neurons and muscle. SCN3B is one member of the sodium channel beta subunit gene family, and influences the inactivation kinetics of the sodium channel. Two alternatively spliced variants, encoding the same protein, have been identified. Recombinant human SCN3B protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing
10% glycerol, 0.4M Urea

Molecular Weight: 18.1 kDa (160aa)

Purity: > 90% by SDS - PAGE

Concentration: 0.5mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSFPVCVEV PSETEAVQGN PMKLRICSCM KREEVEATTV VEWFYRPEGG KDFLIYEYRN GHQEVESPFQ
GRLQWNGSKD LQDVSITVLN VTLNDSGLYT CNVSREFEFE AHRPFVKTR LIPLRVTEEA GEDFTSVVSE

General references:

Morgan K. *et al.* (2000). *U.S.A.* 97:2308-2313

Wiemann S *et al.* (2001). *Genome Res.* 11:422-435

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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