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32-4831: Recombinant Human Sodium Channel Voltage-Gated, Type III Beta

Alternative Name : Sodium channel subunit beta-3 precursor,Sodium channel,voltage-gated,type III,beta subunit,HSA243396,SCNB3,KIAA1158.

Description

Source : Escherichia Coli. SCN3B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 160 amino acids (23-159) and having a molecular mass of 18.1kDa.SCN3B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit and one or more regulatory beta subunits. SCN3B is a part of the sodium channel beta subunit gene family whose members are responsible for the generation and propagation of action potentials in neurons and muscle. SCN3B influences the inactivation kinetics of the sodium channel.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The SCN3B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSFPVCVEV PSETEAVQGN PMKLRCISCM KREEVEATTV VEWFYRPEGG KDFLIYEYRN GHQEVESPFQ GRLQWNGSKD LQDVSITVLN VTLNDSGLYT CNVSREFEFE AHRPFVKTTR LIPLRVTEEA GEDFTSVVSE.