

## Sodium Channel Voltage-Gated, Type III Beta Human Recombinant

Item Number	rAP-4021
Synonyms	Sodium channel subunit beta-3 precursor, Sodium channel, voltage-gated, type III, beta subunit, HSA243396, SCN3B, KIAA1158.
Description	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.
Uniprot Accession Number	Q9NY72
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSFPVCVEV PSETEAVQGN PMKLRICSM KREEVEATTV VEWFYRPEGG KDFLIYEYRN GHQEVESPFQ GRLQWNGSKD LQDVSITVLN VTLNDSGLYT CNVSREFEFE AHRPFVKTR LIPLRVTEEA GEDFTSVVSE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The SCN3B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**