

Product datasheet for TP323114

SCN3B (NM_001040151) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Homo sapiens sodium channel, voltage-gated, type III, beta (SCN3B), transcript variant 2, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC223114 protein sequence Red =Cloning site Green =Tags(s) |

MPAFNRLFPLASLVLIYWVSVCFVPCVEVPSETEAVQGNPMKLRISCCKREEVEATTVVEWFYRPEGGK
DFLIYEYRNGHQEVESPFQGRQLQWNGSKDLQDVSITVLNVTLNDSGLYTCNVSREFEFEAHRPFVKTTRL
IPLRVTEEAGEDFTSVSEIMMYILLVFLTLWLLIEMIYCYRKVSKAEAAQENASDYLAIPSENKENS
A
VPVEE

SGPTRTRPLE**QKLI**SEED**LAANDILDYKDDDDK**V

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 22.1 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_001035241 |
| Locus ID: | 55800 |



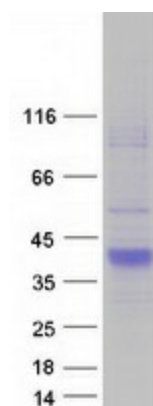
[View online »](#)

UniProt ID: [Q9NY72](#), [A0A024R3H7](#)
RefSeq Size: 5682
Cytogenetics: 11q24.1
RefSeq ORF: 645
Synonyms: ATFB16; BRGDA7; HSA243396; SCN3B

Summary: 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. This gene encodes 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Ion Channels: Sodium, Transmembrane

Product images:



Coomassie blue staining of purified SCN3B protein (Cat# TP323114). The protein was produced from HEK293T cells transfected with SCN3B cDNA clone (Cat# [RC223114]) using MegaTran 2.0 (Cat# [TT210002]).