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Product datasheet for PH323114

SCN3B (NM_001040151) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SCN3B MS Standard C13 and N15-labeled recombinant protein (NP_001035241)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223114
Predicted MW:	24.7 kDa
Protein Sequence:	>RC223114 protein sequence Red=Cloning site Green=Tags(s) MPAFNRLFPLASLVLIYWVSVCFPVCVEVPSETEAVQGNPMKLRCISCMKREEVEATTVVEWFYRPEGGK DFLIYEYRNGHQEVESPFQGRLQWNGSKDLQDVSITVLNVTLNDSGLYTCNVSREFEFEAHRPFVKTTRL IPLRVTEEAGEDFTSVVSEIMMYILLVFLTLWLLIEMIYCYRKVSKAEEAAQENASDYLAIPSENKENSA VPVEE SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001035241
RefSeq Size:	5682
RefSeq ORF:	645
Synonyms:	ATFB16; BRGDA7; HSA243396; SCNB3
Locus ID:	55800
UniProt ID:	Q9NY72, A0A024R3H7

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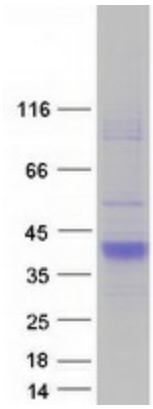
Cytogenetics: 11q24.1

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]).