Datasheet for ABIN7529250

SCN3B Protein (AA 23-159) (His tag)

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Overview

Quantity:	100 µg
Target:	SCN3B
Protein Characteristics:	AA 23-159
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCN3B protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSFPVCVEV PSETEAVQGN PMKLRCISCM KREEVEATTV VEWFYRPEGG KDFLIYEYRN GHQEVESPFQ GRLQWNGSKD LQDVSITVLN VTLNDSGLYT CNVSREFEFE AHRPFVKTTR LIPLRVTEEA GEDFTSVVSE
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	SCN3B
Alternative Name:	SCN3B (SCN3B Products)
Background:	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

Target Details

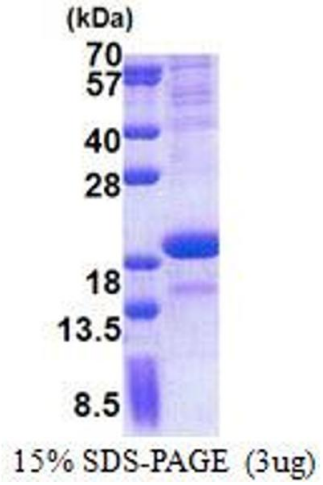
	of the sodium channel beta subunit gene family, and influences the inactivation kinetics of the sodium channel. Two alternatively spliced variants, encoding the same protein, have been identified. Recombinant human SCN3B protein, fused to His-tag at N-terminus, was expressed in E.coli .
Molecular Weight:	18.1 kDa (160aa)
NCBI Accession:	NP_060870
UniProt:	Q9NY72

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol, 0.4M urea
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.