

## Product datasheet for **AR51109PU-S**

### SCN3B (23-159, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	SCN3B (23-159, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSFPVCVEV PSETEAVQGN PMKLRICISM KREEVEATTV VEFYRPEGG KDFLIYEYRN GHQEVESPFQ GRLQWNGSKD LQDVSITVLN VTLNDSGLYT CNVSREFEFE AHRPFVKTR LIPLRVTEEA GEDFTSVSE
Tag:	His-tag
Predicted MW:	18.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SCN3B protein, fused to His-tag at N-terminus, was expressed in E.coli .
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001035241</a>
Locus ID:	55800
UniProt ID:	<a href="#">Q9NY72</a> , <a href="#">A0A024R3H7</a>
Cytogenetics:	11q24.1
Synonyms:	ATFB16; BRGDA7; HSA243396; SCN3B



[View online »](#)

**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:**