

Product datasheet for **RC223114L4V**

SCN3B (NM_001040151) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SCN3B (NM_001040151) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SCN3B
Synonyms:	ATFB16; BRGDA7; HSA243396; SCNB3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001040151
ORF Size:	645 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223114).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001040151.1
RefSeq Size:	5682 bp
RefSeq ORF:	648 bp
Locus ID:	55800
UniProt ID:	Q9NY72
Cytogenetics:	11q24.1
Protein Families:	Druggable Genome, Ion Channels: Sodium, Transmembrane
MW:	24.7 kDa



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Gene 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]