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Product datasheet for RC209565L3V

SCN1B (NM_001037) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SCN1B (NM_001037) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SCN1B
Synonyms:	ATFB13; BRGDA5; DEE52; EIEE52; GEFSP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001037
ORF Size:	654 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC209565).`
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_001037.3
RefSeq Size:	1521 bp
RefSeq ORF:	657 bp
Locus ID:	6324
UniProt ID:	Q07699
Cytogenetics:	19q13.11
Domains:	ig
Protein Families:	Druggable Genome, Ion Channels: Sodium, Transmembrane

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MW: 24.5 kDa

Gene Summary: Voltage-gated sodium channels are heteromeric proteins that function in the generation and propagation of action potentials in muscle and neuronal cells. They are composed of one alpha and two beta subunits, where the alpha subunit provides channel activity and the beta-1 subunit modulates the kinetics of channel inactivation. This gene encodes a sodium channel beta-1 subunit. Mutations in this gene result in generalized epilepsy with febrile seizures plus, Brugada syndrome 5, and defects in cardiac conduction. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009]