

## Product datasheet for **RC221812L1V**

### Nav1.8 (SCN10A) (NM\_006514) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Nav1.8 (SCN10A) (NM_006514) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SCN10A
Synonyms:	FEPS2; Nav1.8; PN3; SNS
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_006514
ORF Size:	5868 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221812).
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. <a href="#">More info</a>
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:	<a href="#">NM_006514.2</a>
RefSeq Size:	5874 bp
RefSeq ORF:	5871 bp
Locus ID:	6336
UniProt ID:	<a href="#">Q9Y5Y9</a>
Cytogenetics:	3p22.2
Protein Families:	Druggable Genome, Ion Channels: Sodium, Transmembrane
MW:	220.4 kDa



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**Gene Summary:**

The protein encoded by this gene is a tetrodotoxin-resistant voltage-gated sodium channel alpha subunit. The properties of the channel formed by the encoded transmembrane protein can be altered by interaction with different beta subunits. This protein may be involved in the onset of pain associated with peripheral neuropathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]