

Product datasheet for **RC224884L1V**

Nav1.7 (SCN9A) (NM_002977) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nav1.7 (SCN9A) (NM_002977) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Nav1.7
Synonyms:	ETHA; FEB3B; GEFSP7; HSAN2D; Nav1.7; NE-NA; NENA; PN1; SFNP
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002977
ORF Size:	5931 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224884).
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_002977.1
RefSeq Size:	6371 bp
RefSeq ORF:	5934 bp
Locus ID:	6335
UniProt ID:	Q15858
Cytogenetics:	2q24.3
Domains:	IQ, ion_trans
Protein Families:	Druggable Genome, Ion Channels: Sodium



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MW: 225 kDa

Gene Summary: This gene encodes a voltage-gated sodium channel which plays a significant role in nociception signaling. Mutations in this gene have been associated with primary erythralgia, channelopathy-associated insensitivity to pain, and paroxysmal extreme pain disorder. [provided by RefSeq, Aug 2009]