

Product datasheet for **MR222959L4V**

Scn2b (NM_001014761) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Scn2b (NM_001014761) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Scn2b
Synonyms:	2810451E09Rik; AI840361; Gm183
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001014761
ORF Size:	645 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222959).
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_001014761.2 , NP_001014761.1
RefSeq Size:	4562 bp
RefSeq ORF:	648 bp
Locus ID:	72821
UniProt ID:	Q56A07
Cytogenetics:	9 24.84 cM



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Gene Summary:

Crucial in the assembly, expression, and functional modulation of the heterotrimeric complex of the sodium channel. The subunit beta-2 causes an increase in the plasma membrane surface area and in its folding into microvilli. Interacts with TNR may play a crucial role in clustering and regulation of activity of sodium channels at nodes of Ranvier (By similarity). [UniProtKB/Swiss-Prot Function]