

Product datasheet for **MR222812L4V**

Cacna2d1 (NM_009784) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cacna2d1 (NM_009784) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cacna2d1
Synonyms:	Ca(v)alpha2delta1; Cac; Cacna2; Cchl; Cchl2a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009784
ORF Size:	3252 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222812).
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_009784.2 , NP_033914.1
RefSeq Size:	7415 bp
RefSeq ORF:	3255 bp
Locus ID:	12293
UniProt ID:	O08532
Cytogenetics:	5 6.56 cM



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Gene Summary:

This gene encodes a regulatory component of the voltage-dependent calcium channel complex. The product of this gene is a proprotein that is proteolytically processed into alpha-2 and delta subunits, which are linked by a disulfide bond. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2013]