

Product datasheet for **MR222903L4V**

Cacna2d3 (NM_009785) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cacna2d3 (NM_009785) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cacna2d3
Synonyms:	alapha2delta3; Cacnad3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009785
ORF Size:	3273 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222903).
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_009785.1 , NP_033915.1
RefSeq Size:	3710 bp
RefSeq ORF:	3276 bp
Locus ID:	12294
UniProt ID:	Q9Z1L5
Cytogenetics:	14 A3



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Gene Summary:

The alpha-2/delta subunit of voltage-dependent calcium channels regulates calcium current density and activation/inactivation kinetics of the calcium channel. Acts as a regulatory subunit for P/Q-type calcium channel (CACNA1A), N-type (CACNA1B), L-type (CACNA1C OR CACNA1D) but not T-type (CACNA1G).[UniProtKB/Swiss-Prot Function]