

## Product datasheet for **MR223100L4V**

### **Cacnb2 (NM\_023116) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Cacnb2 (NM_023116) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cacnb2
Synonyms:	AW060387; CAB2; Cavbeta2; Cchb2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023116
ORF Size:	1965 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223100).
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_023116.4</a> , <a href="#">NP_075605.1</a>
RefSeq Size:	3945 bp
RefSeq ORF:	1968 bp
Locus ID:	12296
UniProt ID:	<a href="#">Q8CC27</a>
Cytogenetics:	2 10.7 cM



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**Gene Summary:**

The beta subunit of voltage-dependent calcium channels contributes to the function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting.[UniProtKB/Swiss-Prot Function]