

## Product datasheet for **RR203903L4V**

### **Kcnmb3 (NM\_001104560) Rat Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Kcnmb3 (NM_001104560) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Kcnmb3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001104560
ORF Size:	717 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR203903).
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_001104560.2</a> , <a href="#">NP_001098030.1</a>
RefSeq Size:	1637 bp
RefSeq ORF:	720 bp
Locus ID:	310303
UniProt ID:	<a href="#">A7VL23</a>
Cytogenetics:	2q24



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**Gene Summary:**

Regulatory subunit of the calcium activated potassium KCNMA1 (maxiK) channel. Modulates the calcium sensitivity and gating kinetics of KCNMA1, thereby contributing to KCNMA1 channel diversity. Alters the functional properties of the current expressed by the KCNMA1 channel. May partially inactivate the current of KCNMA1. Two or more subunits of KCNMB3 are required to block the KCNMA1 tetramer (By similarity).[UniProtKB/Swiss-Prot Function]