

## Product datasheet for **MR215203L4V**

### **Atp2b4 (NM\_001167949) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Atp2b4 (NM_001167949) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Atp2b4
Synonyms:	Pmca4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001167949
ORF Size:	3498 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215203).
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_001167949.2</a> , <a href="#">NP_001161421.1</a>
RefSeq Size:	4051 bp
RefSeq ORF:	3501 bp
Locus ID:	381290
UniProt ID:	<a href="#">Q6Q477</a>
Cytogenetics:	1 57.95 cM



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**Gene Summary:**

Calcium/calmodulin-regulated and magnesium-dependent enzyme that catalyzes the hydrolysis of ATP coupled with the transport of calcium out of the cell (By similarity). By regulating sperm cell calcium homeostasis, may play a role in sperm motility (PubMed:15078889).[UniProtKB/Swiss-Prot Function]