

## Product datasheet for **MR213352L4V**

### Cpa5 (NM\_144537) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cpa5 (NM_144537) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cpa5
Synonyms:	4930430M09Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144537
ORF Size:	1311 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR213352).
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_144537.3</a> , <a href="#">NP_653120.1</a>
RefSeq Size:	1963 bp
RefSeq ORF:	1311 bp
Locus ID:	74649
UniProt ID:	<a href="#">Q8R4H4</a>
Cytogenetics:	6 A3.3



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**Gene Summary:**

This gene encodes a member of the carboxypeptidase A family of zinc metalloproteases. The encoded preproprotein undergoes proteolytic processing that removes the N-terminal activation peptide to generate a functional enzyme. This gene is expressed in mouse testes where the encoded protein is localized to the germ cells. This gene is located in a cluster of carboxypeptidase genes on chromosome 6. [provided by RefSeq, Jul 2016]