

## Product datasheet for **MR206658L3V**

### Cpa1 (NM\_025350) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cpa1 (NM_025350) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cpa1
Synonyms:	0910001L12Rik; Cpa
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_025350
ORF Size:	1257 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206658).
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_025350.3</a>
RefSeq Size:	1578 bp
RefSeq ORF:	1260 bp
Locus ID:	109697
UniProt ID:	<a href="#">Q7TPZ8</a>
Cytogenetics:	6 12.52 cM



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**Gene Summary:**

This gene encodes carboxypeptidase A, a zinc-dependent metalloprotease that cleaves peptide bonds at the C-terminus of protein substrates. The encoded preproprotein undergoes proteolytic activation to generate a mature, functional enzyme. This gene is expressed in pancreas, the encoded protein is a major component of digestive enzymes secreted by pancreas and plays an important role in the process of digestion. This gene is located in a cluster of related carboxypeptidase genes on chromosome 6. [provided by RefSeq, Jan 2016]