

## Product datasheet for **RR207279L4V**

### **Pcp4 (NM\_013002) Rat Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pcp4 (NM_013002) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Pcp4
Synonyms:	pep-19; PEPZ19
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013002
ORF Size:	186 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR207279).
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_013002.4</a> , <a href="#">NP_037134.1</a>
RefSeq Size:	571 bp
RefSeq ORF:	189 bp
Locus ID:	25510
UniProt ID:	<a href="#">P63055</a>
Cytogenetics:	11q11



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**Gene Summary:**

The protein encoded by this gene regulates H1 and H3.3 histone synthesis by binding to H1 and H3.3 histone mRNAs. The encoded protein can bind calmodulin as well, providing a possible link between calcium-dependent signals and histone metabolism. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2012]