

## Product datasheet for **RR200622L4V**

### **Cmpk1 (NM\_001025655) Rat Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Cmpk1 (NM_001025655) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Cmpk1
Synonyms:	CK; Cmpk; RGD1310116
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001025655
ORF Size:	681 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200622).
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_001025655.1</a> , <a href="#">NP_001020826.1</a>
RefSeq Size:	1871 bp
RefSeq ORF:	684 bp
Locus ID:	298410
UniProt ID:	<a href="#">Q4KM73</a>
Cytogenetics:	5q35



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**Gene Summary:**

Catalyzes the phosphorylation of pyrimidine nucleoside monophosphates at the expense of ATP. Plays an important role in de novo pyrimidine nucleotide biosynthesis. Has preference for UMP and CMP as phosphate acceptors. Also displays broad nucleoside diphosphate kinase activity.[UniProtKB/Swiss-Prot Function]