

Product datasheet for **RR208366L4V**

Phospho2 (NM_001007642) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Phospho2 (NM_001007642) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Phospho2
Synonyms:	MGC93920
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001007642
ORF Size:	723 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR208366).
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. More info
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:	NM_001007642.1 , NP_001007643.1
RefSeq Size:	2131 bp
RefSeq ORF:	726 bp
Locus ID:	295663
UniProt ID:	Q66HC4
Cytogenetics:	3q21



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Gene Summary:

Phosphatase that has high activity toward pyridoxal 5'-phosphate (PLP). Also active at much lower level toward pyrophosphate, phosphoethanolamine (PEA), phosphocholine (PCho), phospho-l-tyrosine, fructose-6-phosphate, p-nitrophenyl phosphate, and h-glycerophosphate (By similarity).[UniProtKB/Swiss-Prot Function]