

## Product datasheet for **RR210267L4V**

### **Psmf1 (NM\_001101005) Rat Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Psmf1 (NM_001101005) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Psmf1
Synonyms:	MGC93913; PSMF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001101005
ORF Size:	813 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR210267).
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_001101005.1</a> , <a href="#">NP_001094475.1</a>
RefSeq Size:	1498 bp
RefSeq ORF:	816 bp
Locus ID:	689852
UniProt ID:	<a href="#">Q5XIU5</a>
Cytogenetics:	3q41



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**Gene Summary:**

Plays an important role in control of proteasome function. Inhibits the hydrolysis of protein and peptide substrates by the 20S proteasome. Also inhibits the activation of the proteasome by the proteasome regulatory proteins PA700 and PA28 (By similarity).[UniProtKB/Swiss-Prot Function]