

## Product datasheet for **MR224340L4V**

### **Psmb11 (NM\_175204) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Psmb11 (NM_175204) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Psmb11
Synonyms:	5830406J20Rik; beta5t
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_175204
ORF Size:	909 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224340).
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_175204.4</a> , <a href="#">NP_780413.1</a>
RefSeq Size:	4247 bp
RefSeq ORF:	909 bp
Locus ID:	73902
UniProt ID:	<a href="#">Q8BG41</a>
Cytogenetics:	14 C2



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**Gene Summary:**

The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. Incorporated instead of PSMB5 or PSMB8, this unit reduces the chymotrypsin-like activity of the proteasome. Plays a pivotal role in development of CD8-positive T-cells.[UniProtKB/Swiss-Prot Function]