

## Product datasheet for **MR227375L4V**

### **Psmid1 (NM\_027357) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Psmid1 (NM_027357) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Psmid1
Synonyms:	2410026J11Rik; P112; S1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027357
ORF Size:	2859 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227375).
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_027357.2</a> , <a href="#">NP_081633.1</a>
RefSeq Size:	3256 bp
RefSeq ORF:	2862 bp
Locus ID:	70247
UniProt ID:	<a href="#">Q3TXS7</a>
Cytogenetics:	1 C5



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**Gene Summary:**

In eukaryotic cells, most proteins in the cytosol and nucleus are degraded via the ubiquitin-proteasome pathway. The 26S proteasome is a self-compartmentalizing protease comprised of approximately 31 different subunits. It contains a barrel-shaped proteolytic core complex (the 20S proteasome), capped at one or both ends by 19S regulatory complexes, which recognize ubiquitinated proteins. Protein degradation by proteasomes is the source of most antigenic peptides presented on MHC class I molecules. This gene encodes a non-ATPase subunit of the 26S proteasome. [provided by RefSeq, Jul 2008]