

## Product datasheet for **MR206832L4V**

### **Pramel7 (BC052825) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pramel7 (BC052825) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pramel7
Synonyms:	AA675346; C81180
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC052825
ORF Size:	1284 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206832).
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="#">BC052825</a> , <a href="#">AAH52825</a>
RefSeq Size:	1897 bp
RefSeq ORF:	1286 bp
Locus ID:	347712
Cytogenetics:	2 D


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**Gene Summary:**

Promotes maintenance and self-renewal of pluripotent embryonic stem cells (ESCs), downstream of LIF/STAT3 (PubMed:21425410). Maintains the pluripotency state of ESCs by repressing DNA methylation through the regulation of UHRF1 stability. Mediates the proteasomal degradation of UHRF1. Is required for the establishment of the blastocyst (PubMed:28604677).[UniProtKB/Swiss-Prot Function]