

## Product datasheet for **MR215165L1V**

### Prdm14 (NM\_001081209) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Prdm14 (NM_001081209) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Prdm14
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001081209
ORF Size:	1683 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215165).
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_001081209.2</a> , <a href="#">NP_001074678.2</a>
RefSeq Size:	2593 bp
RefSeq ORF:	1686 bp
Locus ID:	383491
UniProt ID:	<a href="#">E9Q3T6</a>
Cytogenetics:	1 A3



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**Gene Summary:**

Transcription factor that has both positive and negative roles on transcription (By similarity). Plays a role in cellular pluripotency. Essential for germ cell development at 2 levels: the reacquisition of potential pluripotency, including SOX2 up-regulation, and successful epigenetic reprogramming, characterized by EHMT1 repression. Its association with CBFA2T2 is required for the functions in pluripotency and germ cell formation.[UniProtKB/Swiss-Prot Function]