

Product datasheet for **RC217483L3V**

PRMT4 (CARM1) (NM_199141) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | PRMT4 (CARM1) (NM_199141) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PRMT4 |
| Synonyms: | PRMT4 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_199141 |
| ORF Size: | 1836 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC217483). |
| 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. More info |
| 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: | NM_199141.1 , NP_954592.1 |
| RefSeq Size: | 2968 bp |
| RefSeq ORF: | 1827 bp |
| Locus ID: | 10498 |
| UniProt ID: | Q86X55 |
| Cytogenetics: | 19p13.2 |
| Protein Families: | Druggable Genome, Transcription Factors |
| MW: | 65.7 kDa |



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Gene Summary:

This gene belongs to the protein arginine methyltransferase (PRMT) family. The encoded enzyme catalyzes the methylation of guanidino nitrogens of arginyl residues of proteins. The enzyme acts specifically on histones and other chromatin-associated proteins and is involved in regulation of gene expression. The enzyme may act in association with other proteins or within multi-protein complexes and may play a role in cell type-specific functions and cell lineage specification. A related pseudogene is located on chromosome 9. [provided by RefSeq, Aug 2013]