

## Product datasheet for **RC209584L4V**

### PRMT10 (PRMT9) (NM\_138364) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PRMT10 (PRMT9) (NM_138364) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRMT10
Synonyms:	PRMT10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138364
ORF Size:	2535 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209584).
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_138364.2</a>
RefSeq Size:	2842 bp
RefSeq ORF:	2538 bp
Locus ID:	90826
UniProt ID:	<a href="#">Q6P2P2</a>
Cytogenetics:	4q31.23
Protein Families:	Druggable Genome
MW:	94.5 kDa



[View online »](#)

**Gene Summary:**

This gene encodes a type II methyltransferase. Post-translational modification of target proteins by PRMTs plays an important regulatory role in many biological processes, whereby PRMTs methylate arginine residues by transferring methyl groups from S-adenosyl-L-methionine to the guanidino nitrogen atoms of arginine. The protein encoded by this gene methylates spliceosome associated protein 145 to regulate alternative splicing and acts as a modulator of small nuclear ribonucleoprotein maturation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Apr 2017]