

## Product datasheet for **RC205188L2V**

### PRMT8 (NM\_019854) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PRMT8 (NM_019854) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRMT8
Synonyms:	HRMT1L3; HRMT1L4
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_019854
ORF Size:	1182 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205188).
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_019854.3</a>
RefSeq Size:	2417 bp
RefSeq ORF:	1185 bp
Locus ID:	56341
UniProt ID:	<a href="#">Q9NR22</a>
Cytogenetics:	12p13.32
Protein Families:	Druggable Genome
MW:	45.3 kDa



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**Gene Summary:**

Arginine methylation is a widespread posttranslational modification mediated by arginine methyltransferases, such as PRMT8. Arginine methylation is involved in a number of cellular processes, including DNA repair, RNA transcription, signal transduction, protein compartmentalization, and possibly protein translation (Lee et al., 2005 [PubMed 16051612]). [supplied by OMIM, Mar 2008]