

## Product datasheet for **RC201672L2V**

### PRMT7 (NM\_019023) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PRMT7 (NM_019023) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRMT7
Synonyms:	SBIDDS
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_019023
ORF Size:	2076 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201672).
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_019023.1</a>
RefSeq Size:	2478 bp
RefSeq ORF:	2079 bp
Locus ID:	54496
UniProt ID:	<a href="#">Q9NVM4</a>
Cytogenetics:	16q22.1
Protein Families:	Druggable Genome
MW:	78.5 kDa



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**Gene Summary:**

This gene encodes a member of the protein arginine N-methyltransferase family of proteins. The encoded enzyme transfers single methyl groups to arginine residues to generate monomethylarginines on histone proteins as well as other protein substrates. This enzyme plays a role in a wide range of biological processes, including neuronal differentiation, male germ line imprinting, small nuclear ribonucleoprotein biogenesis, and regulation of the Wnt signaling pathway. Mutations in this gene underlie multiple related syndromes in human patients characterized by intellectual disability, short stature and other features. The encoded protein may promote breast cancer cell invasion and metastasis in human patients. [provided by RefSeq, May 2017]