

## Product datasheet for **KN217483RB**

### PRMT4 (CARM1) Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	PRMT4
Locus ID:	10498
Components:	<b>KN217483G1</b> , PRMT4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN217483G2</b> , PRMT4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN217483RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector

**Disclaimer:** These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

**RefSeq:** [NM\\_199141](#), [NM\\_001370088](#), [NM\\_001370089](#)

**UniProt ID:** [Q86X55](#)

**Synonyms:** PRMT4

**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]



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## Product images:

