

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** PRMT4 Symbol: Locus ID: 10498 **KN217483G1**, PRMT4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components: KN217483G2**, PRMT4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN217483RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003, 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]

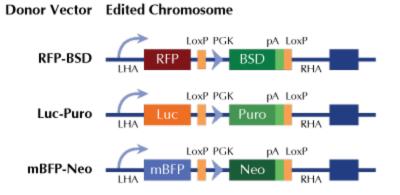


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Product images:



RFP, Luc, and mBFP will be under native gene promoter

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