

Product datasheet for **KN203458LP**

PRMT5 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	PRMT5
Locus ID:	10419
Components:	KN203458G1 , PRMT5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN203458G2 , PRMT5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN203458LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_001039619 , NM_001282953 , NM_001282954 , NM_001282955 , NM_001282956 , NM_006109
UniProt ID:	Q14744
Synonyms:	HRMT1L5; IBP72; JBP1; SKB1; SKB1Hs
Summary:	This gene encodes an enzyme that belongs to the methyltransferase family. The encoded protein catalyzes the transfer of methyl groups to the amino acid arginine, in target proteins that include histones, transcriptional elongation factors and the tumor suppressor p53. This gene plays a role in several cellular processes, including transcriptional regulation, and the assembly of small nuclear ribonucleoproteins. A pseudogene of this gene has been defined on chromosome 4. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]



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Product images:

