

## Product datasheet for **KN217363BN**

### PRDM1 Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	PRDM1
Locus ID:	639
Components:	<b>KN217363G1</b> , PRDM1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN217363G2</b> , PRDM1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN217363BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo 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:	<a href="#">NM_001198</a> , <a href="#">NM_182907</a>
UniProt ID:	<a href="#">O75626</a>
Synonyms:	BLIMP1; PRDI-BF1
Summary:	This gene encodes a protein that acts as a repressor of beta-interferon gene expression. The protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants that encode different isoforms have been reported. [provided by RefSeq, Jul 2008]



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## Product images:

