

Product datasheet for KN217363RB

PRDM1 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: Symbol: PRDM1 Locus ID: 639

KN217363G1, PRDM1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN217363G2, PRDM1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN217363RBD, 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 001198, NM 182907

UniProt ID: 075626

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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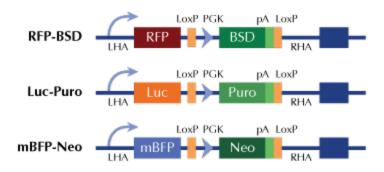
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Product images:

Donor Vector Edited Chromosome



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