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Product datasheet for KN217652RB

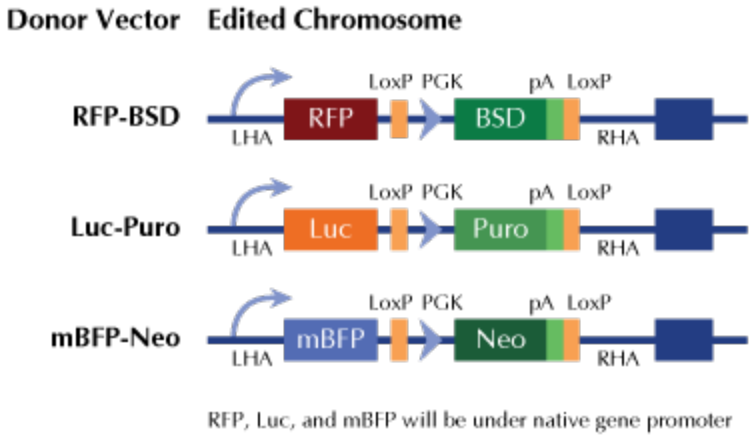
CARD10 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	CARD10
Locus ID:	29775
Components:	**KN217652G1**, CARD10 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN217652G2**, CARD10 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN217652RBD**, 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_014550
UniProt ID:	Q9BWT7
Synonyms:	BIMP1; CARMA3
Summary:	The caspase recruitment domain (CARD) is a protein module that consists of 6 or 7 antiparallel alpha helices. It participates in apoptosis signaling through highly specific protein-protein homophilic interactions. Like several other CARD proteins, CARD10 belongs to the membrane-associated guanylate kinase (MAGUK) family and activates NF-kappa-B (NFKB; see MIM 164011) through BCL10 (MIM 603517) (Wang et al., 2001 [PubMed 11259443]).[supplied by OMIM, Mar 2008]

View online »

Product images:



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