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Product datasheet for KN217455RB

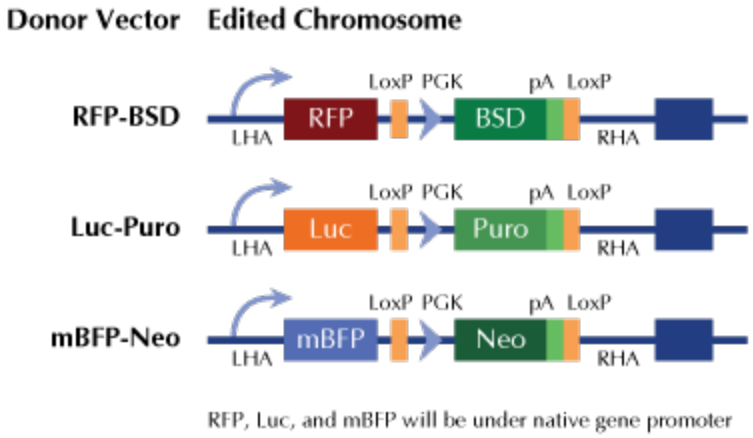
CARD14 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	CARD14
Locus ID:	79092
Components:	**KN217455G1**, CARD14 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN217455G2**, CARD14 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN217455RBD**, 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_001257970, NM_024110, NM_052819, NR_047566, NM_001366385
UniProt ID:	Q9BXL6
Synonyms:	BIMP2; CARMA2; PRP; PSORS2; PSS1
Summary:	This gene encodes a caspase recruitment domain-containing protein that is a member of the membrane-associated guanylate kinase (MAGUK) family of proteins. Members of this protein family are scaffold proteins that are involved in a diverse array of cellular processes including cellular adhesion, signal transduction and cell polarity control. This protein has been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Apr 2012]

View online »

Product images:



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