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Product datasheet for KN205299RB

GNG4 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:	GNG4
Locus ID:	2786
Components:	**KN205299G1**, GNG4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN205299G2**, GNG4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN205299RBD**, 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_001098721, NM_001098722, NM_004485
UniProt ID:	P50150
Synonyms:	DKFZp547K1018; FLJ23803; FLJ34187
Summary:	Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. [UniProtKB/Swiss-Prot Function]

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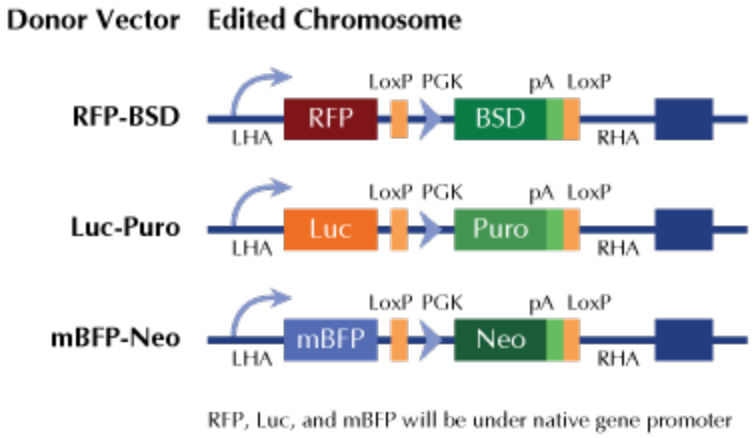
Product images:



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