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Product datasheet for KN220780BN

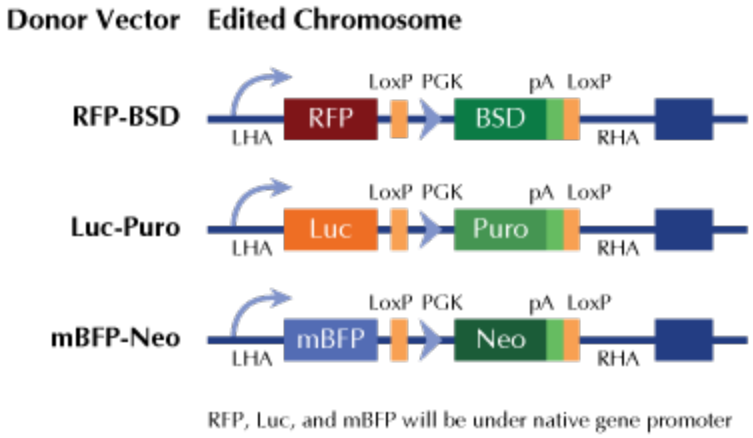
NF-kB p65 (RELA) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	NF-kB p65
Locus ID:	5970
Components:	**KN220780G1**, NF-kB p65 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN220780G2**, NF-kB p65 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN220780BND**, donor DNA containing left and right homologous arms and mBFP-Neo 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_001145138, NM_001243984, NM_001243985, NM_021975
UniProt ID:	Q04206
Synonyms:	NFKB3; p65
Summary:	NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

View online »

Product images:



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