

Product datasheet for **KN220780**

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

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	NF-kB p65
Locus ID:	5970
Components:	<p>KN220780G1, NF-kB p65 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CCCGCGGGGTGGCATCGCCG</p> <p>KN220780G2, NF-kB p65 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGGGCCCGCCGCGGCTGTGGC</p> <p>KN220780D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
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]



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Product images:

