

Product datasheet for KN220780

OriGene Technologies, Inc.

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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: KN220780G1, NF-kB p65 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target

Sequence: CCCGCGGGGTGGCATCGCCG

KN220780G2, NF-kB p65 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target

Sequence: GGGGCCGCCGCGGCTGTGGC

KN220780D, donor DNA containing left and right homologous arms and GFP-puro functional

cassette.

NFKB3; p65

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 001145138, NM 001243984, NM 001243985, NM 021975

UniProt ID: Q04206

Synonyms:

Summary: NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is

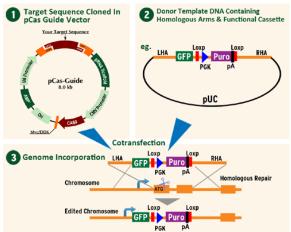
held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 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]





Product images:



Target gene knocked out, GFP under native gene promoter, Puro under PGK promoter