

Product datasheet for **KN211878BN**

c Rel (REL) 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:	c Rel
Locus ID:	5966
Components:	<p>KN211878G1, c Rel gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN211878G2, c Rel gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN211878BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001291746 , NM_002908
UniProt ID:	Q04864
Synonyms:	C-Rel
Summary:	<p>This gene encodes a protein that belongs to the Rel homology domain/immunoglobulin-like fold, plexin, transcription factor (RHD/IPT) family. Members of this family regulate genes involved in apoptosis, inflammation, the immune response, and oncogenic processes. This proto-oncogene plays a role in the survival and proliferation of B lymphocytes. Mutation or amplification of this gene is associated with B-cell lymphomas, including Hodgkin's lymphoma. Single nucleotide polymorphisms in this gene are associated with susceptibility to ulcerative colitis and rheumatoid arthritis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2014]</p>



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Product images:

