

Product datasheet for **KN201639BN**

CIRBP 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:	CIRBP
Locus ID:	1153
Components:	<p>KN201639G1, CIRBP gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN201639G2, CIRBP gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN201639BND, 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_001280 , NM_001300815 , NM_001300829 , NR_023312 , NR_023313
UniProt ID:	Q14011
Synonyms:	CIRP
Summary:	<p>Cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. Acts as a translational activator. Seems to play an essential role in cold-induced suppression of cell proliferation. Binds specifically to the 3'-untranslated regions (3' UTRs) of stress-responsive transcripts RPA2 and TXN. Acts as a translational repressor (By similarity). Promotes assembly of stress granules (SGs), when overexpressed.[UniProtKB/Swiss-Prot Function]</p>



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Product images:

