

Product datasheet for **KN202115BN**

CREB1 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:	CREB1
Locus ID:	1385
Components:	KN202115G1 , CREB1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN202115G2 , CREB1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN202115BND , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	<u>NM_004379</u> , <u>NM_134442</u> , <u>NM_001320793</u> , <u>NR_135473</u>
UniProt ID:	<u>P16220</u>
Synonyms:	CREB
Summary:	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in several transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016]



[View online »](#)

Product images:

