

## Product datasheet for **KN201590RB**

### NFIB Human Gene Knockout Kit (CRISPR)

#### Product data:

|               |   |
|---------------|---|
| Product Type: | Knockout Kits (CRISPR)  |
| Format:       | 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control   |
| Donor DNA:    | RFP-BSD   |
| Symbol:       | NFIB  |
| Locus ID:     | 4781  |
| Components:   | <b>KN201590G1</b> , NFIB gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)<br><b>KN201590G2</b> , NFIB gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)<br><b>KN201590RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette.<br><b>GE100003</b> , scramble sequence in pCas-Guide vector |

**Disclaimer:** These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

**RefSeq:** [NM\\_001190737](#), [NM\\_001190738](#), [NM\\_001282787](#), [NM\\_005596](#), [NM\\_001369458](#), [NM\\_001369459](#), [NM\\_001369460](#), [NM\\_001369463](#), [NM\\_001369464](#), [NM\\_001369465](#), [NM\\_001369466](#), [NM\\_001369467](#), [NM\\_001369472](#), [NM\\_001369473](#), [NM\\_001369474](#), [NM\\_001369475](#), [NM\\_001369476](#), [NM\\_001369480](#), [NM\\_001369481](#), [NR\\_161385](#), [NM\\_001369461](#), [NM\\_001369462](#), [NM\\_001369468](#), [NM\\_001369469](#), [NM\\_001369470](#), [NM\\_001369471](#), [NM\\_001369477](#), [NM\\_001369478](#), [NM\\_001369479](#), [NR\\_161382](#), [NR\\_161383](#), [NR\\_161384](#)

**UniProt ID:** [O00712](#)

**Synonyms:** CTF; HMGIC/NFIB; NF-I/B; NF1-B; NFI-B; NFI-RED; NFIB2; NFIB3

**Summary:** Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.[UniProtKB/Swiss-Prot Function]



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## Product images:

