

Product datasheet for KN201590RB

NFIB Human Gene Knockout Kit (CRISPR)

Product data:

Locus ID:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: NFIB Symbol:

Components:

4781

KN201590G1, NFIB gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN201590G2**, NFIB gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201590RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

GE100003, 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: 000712

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

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

Function1



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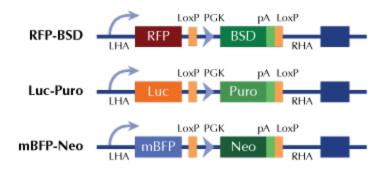
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Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter