

## Product datasheet for KN201919RB

# **HDAC11 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:** Symbol: HDAC11 79885 Locus ID:

KN201919G1, HDAC11 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN201919G2, HDAC11 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201919RBD, 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 001136041, NM 001330636, NM 024827

**UniProt ID:** O96DB2 Synonyms: HD11

Summary: This gene encodes a class IV histone deacetylase. The encoded protein is localized to the

nucleus and may be involved in regulating the expression of interleukin 10. Alternative

splicing results in multiple transcript variants.[provided by RefSeq, Apr 2009]



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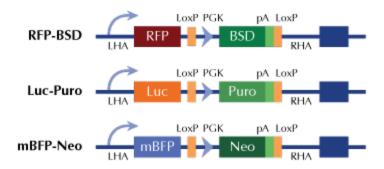
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# **Product images:**

### Donor Vector Edited Chromosome



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