

### Product datasheet for KN204883RB

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## **CDX2 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: CDX2 Locus ID: 1045

**Components:** KN204883G1, CDX2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN204883G2, CDX2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN204883RBD, 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: <u>NM 001265</u>, <u>NM 001354700</u>

UniProt ID: Q99626

**Synonyms:** CDX-3; CDX2/AS; CDX3

**Summary:** This gene is a member of the caudal-related homeobox transcription factor gene family. The

encoded protein is a major regulator of intestine-specific genes involved in cell growth an differentiation. This protein also plays a role in early embryonic development of the intestinal

tract. Aberrant expression of this gene is associated with intestinal inflammation and

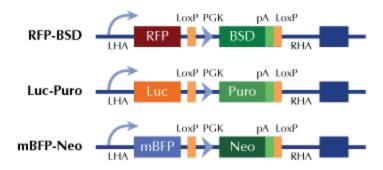
tumorigenesis. [provided by RefSeq, Jan 2012]





# **Product images:**

#### Donor Vector Edited Chromosome



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