

Product datasheet for KN204883LP

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CDX2 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

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)

KN204883LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

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 001265, NM 001354700

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

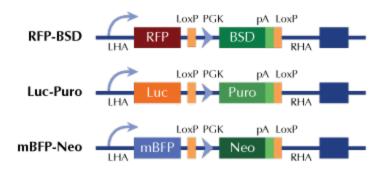
tumorigenesis. [provided by RefSeq, Jan 2012]





Product images:

Donor Vector Edited Chromosome



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