

## **Product datasheet for KN213845LP**

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## **CD96 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: CD96 Locus ID: 10225

**Components: KN213845G1**, CD96 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN213845G2, CD96 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN213845LPD, 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: <u>NM 001318889</u>, <u>NM 005816</u>, <u>NM 198196</u>, <u>NR 134917</u>

UniProt ID: P40200
Synonyms: TACTILE

**Summary:** The protein encoded by this gene belongs to the immunoglobulin superfamily. It is a type I

membrane protein. The protein may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also function in antigen presentation. Alternative splicing generates multiple transcript variants encoding distinct

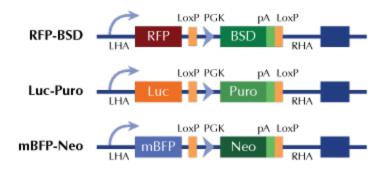
isoforms. [provided by RefSeq, Jan 2016]





# **Product images:**

### Donor Vector Edited Chromosome



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