

### Product datasheet for KN304051RB

# **Cxcr3 Mouse 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: Cxcr3 12766 Locus ID:

**KN304051G1**, Cxcr3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN304051G2, Cxcr3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN304051RBD, 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 009910 **UniProt ID:** O88410

Synonyms: Cd183; Cmkar3

Summary: This gene encodes a transmembrane protein that functions as a receptor for C-X-R

chemokines. Signalling through this protein regulates a variety of biological processes,

including inflammation, immunity, and would healing. This protein also plays a role in tumor

growth and metastasis. [provided by RefSeq, May 2015]



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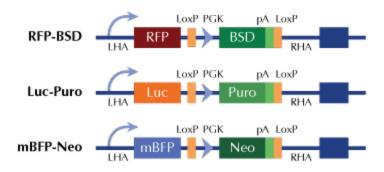
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## **Product images:**

#### Donor Vector Edited Chromosome



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