

## Product datasheet for KN205106RB

# MIF 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:** 

MIF Symbol:

4282 Locus ID:

**KN205106G1**, MIF gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

**KN205106G2**, MIF gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN205106RBD, 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 002415

**UniProt ID:** P14174

Synonyms: GIF; GLIF; MMIF

Summary: This gene encodes a lymphokine involved in cell-mediated immunity, immunoregulation, and

inflammation. It plays a role in the regulation of macrophage function in host defense

through the suppression of anti-inflammatory effects of glucocorticoids. This lymphokine and the JAB1 protein form a complex in the cytosol near the peripheral plasma membrane, which may indicate an additional role in integrin signaling pathways. [provided by RefSeq, Jul 2008]



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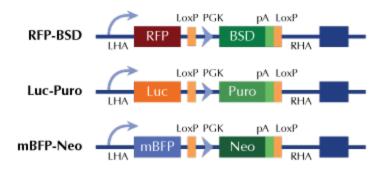
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# **Product images:**

### Donor Vector Edited Chromosome



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