

## 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:	RFP-BSD
Symbol:	MIF
Locus ID:	4282
Components:	<b>KN205106G1</b> , MIF gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN205106G2</b> , MIF gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN205106RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , 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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## Product images:

