

Product datasheet for KN205106RB

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

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

RefSeq: <u>NM 002415</u>

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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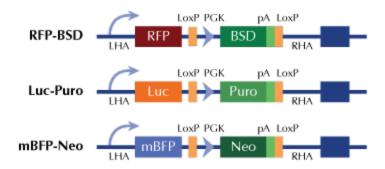
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Product images:

Donor Vector Edited Chromosome



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