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**MIF**

**Human, Recombinant, *E. coli***

**Cat. No.:** RCP9442

**Size:** 10µg

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**Synonym:** Macrophage Migration Inhibitory Factor; MMIF; Phenylpyruvate tautomerase; Glycosylation-Inhibiting Factor; GIF

**Description:** MIF is involved in cell-mediated immunity, immunoregulation, and inflammation. Reportedly, it also 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 possibly indicate a role in integrin signalling pathways. However, the biological mechanism and significance of MIF remains unknown.

**RANDOX** recombinant MIF comprises a 114 amino acid fragment (2-115) corresponding to the mature MIF protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

**Form:** Liquid.

Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

**Purity:** Single band on Western blot.

**References:** Weiser W.Y. *et al* (1989). *Proc. Natl. Acad. Sci. U.S.A.* **86** (19) 7522–6.

Kozak C.A. *et al* (1995). *Genomics* **27** (3) 405–11.