

MIF

Recombinant Human Macrophage Migration Inhibitory Factor His

Catalog No.	CRM029A	Quantity:	5 µg
	CRM029B		25 µg
	CRM029C		1.0 mg

Alternate Names: Phenylpyruvate tautomerase, Glycosylation-inhibiting factor, GIF, MMIF, MIF.

Description: The cytokine Macrophage migration inhibitory factor (MIF) has been identified to be secreted by the pituitary gland and the monocyte/macrophage and to play an important role in endotoxic shock. MIF has the unique property of being released from macrophages and T cells in response to physiological concentrations of glucocorticoids. The secretion of MIF is tightly regulated and decreases at high, anti-inflammatory steroid concentration.

MIF Recombinant Human is fused to His-tag at N-terminus, it was cloned into an *E. coli* expression vector and was purified to apparent homogeneity by using conventional column chromatography techniques.

Macrophage Inducing Factor Human Recombinant is a single, non-glycosylated, polypeptide chain having amino acids from 1-114 and having a molecular mass of 16.6 kDa.

Concentration: 1 mg/ml

Gene ID: 4282

Protein Accession No: NP_002406

Source: *E. coli*

Molecular Weight: 16.6 kDa

Formulation: 1 mg/ml solution containing PBS pH-7.4.

Purity: > 95% as determined by RP-HPLC and SDS-PAGE analyses

Amino Acid Sequence: MRGSHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSPMPFIVNTNV
PRASVPDGFL SELTQQLAQA TGKPPQYIAV HVVPDQLMAF GGSSEPCALC
LHSIGKIGGA QNRSYSKLLC GLLAERLRIS PDRVYINYD MNAANVGWNN STFA

Storage & Stability: Liquid MIF although stable 4°C for 1 week, should be stored desiccated below -20°C. **Please prevent freeze-thaw cycles.**

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