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## 32-1598: MIF His N Recombinant Protein

**Alternative Name :** Phenylpyruvate tautomerase,Glycosylation-inhibiting factor,GIF,MMIF,MIF.

## Description

Source : Escherichia Coli. MIF human Recombinant, fused to His-tag at N-terminus, 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. 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.

## Product Info

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|---|---|
| **Amount :** | 25 µg |
| **Purification :** | Greater than 95.0% as determined by:(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. |
| **Content :** | 1mg/ml solution containing PBS pH-7.4. |
| **Storage condition :** | Liquid MIF although stable 4°C for 1 week, should be stored below -18°C. Please prevent freeze-thaw cycles. |
| **Amino Acid :** | MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMPMFIVNTNV PRASVPDGFL SELTQQLAQA TGKPPQYIAV HVVPDQLMAF GGSSEPCALC LHSIGKIGGA QNRSYSKLLC GLLAERLRIS PDRVYINYYD MNAANVGWNN STFA. |

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***