

## 32-1290: pGM CSF Recombinant Protein

**Alternative Name :**

Macrophage Migration Inhibitory Factor (Glycosylation-Inhibiting Factor), Phenylpyruvate Tautomerase, L-Dopachrome Tautomerase, L-Dopachrome Isomerase, GLIF, MMIF, GIF, Macrophage Migration Inhibitory Factor, Glycosylation-Inhibiting Factor, EC 5.3

### Description

Source : Escherichia Coli. MIF Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 345 amino acids (1-115 a.a) and having a molecular mass of 39.2kDa. MIF is fused to a 230 amino acid GST-tag at N-terminus & purified by proprietary chromatographic techniques. 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

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 20µg   |
| <b>Purification :</b>      | Greater than 90.0% as determined by SDS-PAGE.  |
| <b>Content :</b>           | MIF protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4) and 10% glycerol.   |
| <b>Storage condition :</b> | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.   |
| <b>Amino Acid :</b>        | MSPILGYWKIKGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHNMLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFSLKPEML KMFEDRLCHK TYLNGDHVTHPDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSDLVPRGSPEFAMPFIVNTNV PRASVPDGFL SELTQQLAQA TGKPPQYIAV HVVPDQLMAF GGSSEPCALC SLHSIGKIGGAQNRYSKLL CGLLAERLRI SPDRVYINYY DMNAAVNGWN NSTFA. |