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

Amount :	20µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	MIF protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	MSPILGYWKIKGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHNMLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTHPDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSDLVPRGSPEFAMPMFIVNTNV PRASVPDGFL SELTQQLAQA TGKPPQYIAV HVVPDQLMAF GGSSEPCALC SLHSIGKIGGAQNRSYSKLL CGLLAERLRI SPDRVYINYY DMNAANVGWN NSTFA.