

MIF, 1-115 aa, Human, Recombinant, E.coli

Cat.NO.: TP02974

3th Edition

Synonyms:Macrophage migration inhibitory factor, Glycosylation inhibiting factor (GIF), GLIF, MMIF

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.

Form:Liquid. In 50 mM Tris-HCl buffer (pH 8.0) containing 0.5 mM DTT 10% glycerol

Molecular Weight:12 kDa (115 aa), confirmed by MALDI-TOF

Sequences:

MPMFIVNTNVPRASVPDGFSELTQQLAQATGKPPQYIAVHVVPDQLMAFGGSSEPCALCSLHSGIKIGGAQNRSY
SKLLCGLLAERLRISPDRVYINYYDMNAANVGWNNSTFA

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.