

MIF (amino acids 1-115) Human, Recombinant, His-tag, E.coli

Cat.NO.: TP02973

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 phosphate-buffered saline (PBS), pH 7.4

Molecular Weight: 16.6 kDa (151 aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMPMFIVNTNVPRASVPDGFLSELTQQLAQATGKPPQ
YIAVHVVPDQLMAFGGSSEPCALCSLHSLGKIGGAQNRYSKLLCGLLAERLRISPDRVYINYYDMNAANVGWNNST
FA

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.