

32-6495: MIF Mouse, His

Alternative Name : Macrophage migration inhibitory factor, MIF, Delayed early response protein 6, DER6, Glycosylation-inhibiting factor, GIF, L-dopachrome isomerase, L-dopachrome tautomerase, Phenylpyruvate tautomerase.

Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

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.

MIF Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 138 amino acids (1-115 a.a) and having a molecular mass of 14.9kDa. MIF is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : MIF protein solution (0.5mg/ml) containing Phosphate buffered saline , 10% glycerol and 1mM DTT.

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 : MGSSHHHHHH SGLVPRGSH MGSMPMFIVN TNVPRASVPE GFLSELTQQL AQATGKPAQY IAVHVVPDQL MTFSGTNDPC ALCSLHSIGK IGGAQNRNYS KLLCGLLSDR LHISPDRVYI NYDDMNAANV GWNGSTFA.