
Product Data Sheet

Product Name: MIF Mouse, His
 Cat. No.: GP20747
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Macrophage migration inhibitory factor; MIF; Delayedearly response protein 6; DER6; Glycosylation-inhibiting factor; GIF;L-dopachrome isomerase; L-dopachrome tautomerase; Phenylpyruvate tautomerase.		
Amino Acid Sequence	MGSSHHHHHSSGLVPRGSH MGSMPMFIVNTNVPRASVPE GFLSELTQQL AQATGKPAQY IAVHVVPDQL MTFSGTNDPC ALCSLHSIGK IGGAQNRNYSKLLCGLLSDR LHISPDRVYI NYYDMNAANV GWNGSTFA.		
Formulation	MIF protein solution (0.5mg/ml) containing Phosphatebuffered saline , 10% glyceroland 1mM DTT.		

Introduction

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.

Stability

Store at 4°C if entire vial will be used within 2-4weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrierprotein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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