9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MIF Mouse, His

Macrophage Migration Inhibitor Factor Mouse Recombinant, His Tag
GRF0268

Product Overview

Name	MIF Mouse, His

Description

Macrophage Migration Inhibitor Factor Mouse Recombinant, His Tag

Accession (Primary)	P34884

Synonyms

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

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

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

Stability

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MPMFIVN TNVPRASVPE GFLSELTQQL AQATGKPAQY IAVHVVPDQL MTFSGTNDPC ALCSLHSIGK IGGAQNRNYS KLLCGLLSDR LHISPDRVYI NYYDMNAANV GWNGSTFA.

Precautions

MIF Mouse, His is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (P34884)