9051 Mira Mesa Blvd, #910094
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MIF Human, GST

Macrophage Migration Inhibitor Factor Human Recombinant, GST tag
GRF0266

Product Overview

Name	MIF Human, GST

Description

Macrophage Migration Inhibitor Factor Human Recombinant, GST tag

Accession (Primary)	P14174

Synonyms

Macrophage Migration Inhibitory Factor (Glycosylation-Inhibiting Factor), Phenylpyruvate Tautomerase, L-Dopachrome Tautomerase, L-Dopachrome Isomerase, GLIF, MMIF, GIF, Macrophage Migration Inhibitory Factor, Glycosylation-Inhibiting Factor, EC 5.3.3.12, EC 5.3.2.1, Macrophage migration inhibitory factor.

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 clear solution.

Formulation

MIF protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4) and 10% glycerol.

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

MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA WPLQGWQATF

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GGGDHPPKSD LVPRGSPEFA MPMFIVNTNV PRASVPDGFL SELTQQLAQA TGKPPQYIAV HVVPDQLMAF GGSSEPCALC SLHSIGKIGG AQNRSYSKLL CGLLAERLRI SPDRVYINYY DMNAANVGWN NSTFA.

Precautions

MIF Human, GST is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P14174)