

Active Recombinant Human MIF Protein, His-tagged

Cat. No. MIF-736H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MIF fused with His tag at N-terminal was expressed in Hi-5 Insect cells.
Species	Human
Source	Hi-5 Insect Cells
Description	This gene encodes a lymphokine involved in cell-mediated immunity, immunoregulation, and inflammation. It plays a role in the regulation of macrophage function in host defense through the suppression of anti-inflammatory effects of glucocorticoids. This lymphokine and the JAB1 protein form a complex in the cytosol near the peripheral plasma membrane, which may indicate an additional role in integrin signaling pathways.
Form	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bio-activity	Determined by its ability to inhibit monocyte migration.
Molecular Mass	15 kDa
AA Sequence	HHHHHHHHAMPFIVNTNVPRAVDPDGLSELTQQLAQATGKPPQYIAVHVVPDQL MAFGGSSEPCALCSLHSGKIGGAQNRSYSKLLCGLLAERLRISPDRVYINYYDMNA ANVGWNNSTFA

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Resuspend the protein in the desired concentration in proper buffer

GENE INFORMATION

Gene Name	MIF macrophage migration inhibitory factor (glycosylation-inhibiting factor) [Homo sapiens]
Official Symbol	MIF
Synonyms	MIF; macrophage migration inhibitory factor (glycosylation-inhibiting factor); GLIF; macrophage migration inhibitory factor; GIF; L-dopachrome isomerase; L-dopachrome tautomerase; phenylpyruvate tautomerase; MMIF;
Gene ID	4282
mRNA Refseq	NM_002415
Protein Refseq	NP_002406
MIM	153620
UniProt ID	P14174

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