

Recombinant Human MIF protein, His-tagged

Cat. No. MIF-3816H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MIF protein(P14174) (Pro 2-Ala 115) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	2-115 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human MIF consists of 125 amino acids and has a predicted molecular mass of 13.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhMIF is approximately 19 kDa due to glycosylation.
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

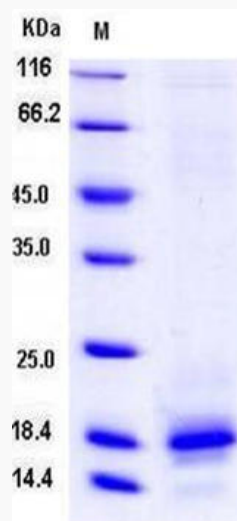
Gene Name	MIF macrophage migration inhibitory factor (glycosylation-inhibiting factor) [Homo sapiens]
Official Symbol	MIF
Synonyms	MIF; macrophage migration inhibitory factor (glycosylation-inhibiting factor); GLIF; macrophage migration inhibitory factor; GIF; L-dopachrome isomerase; L-dopachrome tautomerase;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

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SDS-PAGE



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