

## Recombinant Human MIF protein, His-Avi-tagged, Biotinylated

Cat. No. MIF-0503H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human MIF protein(Pro2-Ala115), fused with His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	2-115 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in 25 mM MES, 500 mM NaCl, pH6.5. Normally trehalose is added as protectant before lyophilization.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 16.0 kDa. The protein migrates as 20 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Pro2-Ala115
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
-----------------------	---

<b>Conjugation</b>	Biotin
--------------------	--------

## GENE INFORMATION

<b>Gene Name</b>	MIF macrophage migration inhibitory factor (glycosylation-inhibiting factor) [ Homo sapiens ]
------------------	---

<b>Official Symbol</b>	MIF
------------------------	-----

<b>Synonyms</b>	MIF; macrophage migration inhibitory factor (glycosylation-inhibiting factor); GLIF; macrophage migration inhibitory factor; GIF; L-dopachrome isomerase; L-dopachrome tautomerase; phenylpyruvate tautomerase; MMIF;
-----------------	---

<b>Gene ID</b>	4282
----------------	------

<b>mRNA Refseq</b>	NM_002415
--------------------	-----------

<b>Protein Refseq</b>	NP_002406
-----------------------	-----------

<b>MIM</b>	153620
------------	--------

<b>UniProt ID</b>	P14174
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA