

## AR51921PU-S

## Human MIF (1-115, His-tag) - Purified

<b>Alternate names:</b>	GLIF, Glycosylation-inhibiting factor, MMIF, Macrophage migration inhibitory factor, Phenylpyruvate tautomerase
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0 mg/ml (determined by bradford assay)
<b>Background:</b>	MIF also known as 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.
<b>Uniprot ID:</b>	<a href="#">P14174</a>
<b>NCBI:</b>	<a href="#">NP_002406</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >90% by SDS - PAGE <b>Buffer System:</b> Phosphate Buffered Saline(pH7.4) containing 10% glycerol.
<b>Description:</b>	Recombinant human MIF, fused to GST-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. <b>AA Sequence:</b> MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSPEFA MPMFIVNTNV PRASVPDGF L SELTQQLAQA TGKPPQYIAV HVVPDQLMAF GGSSEPCALC SLHSIGKIGG AQNRSYSKLL CGLLAERLRI SPDRVYINYY DMNAANVGWN NSTFA <b>Molecular weight:</b> 39.2 kDa (345aa) confirmed by MALDI-TOF
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Bernhagen J., et al (1994) Biochemistry. 33: 14144-55. Bucala R., et al. (1996) FASEB J 10: 1607-13.

Pictures:

