

AR51911PU-S

Mouse MIF (1-115, His-tag) - Purified

Alternate names:	GLIF, Glycosylation-inhibiting factor, MMIF, Macrophage migration inhibitory factor, Phenylpyruvate tautomerase
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by bradford assay)
Background:	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. Recombinant mouse Mif, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques
Uniprot ID:	P34884
NCBI:	NP_034928
GenelD:	17319
Species:	Mouse
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: Phosphate buffered saline containing 10% glycerol, 1mM DTT.
Description:	AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSMPMFIVN TNVPRASVPE GFLSELTQQL AQATGKPAQY IAVHVVPDQL MTFSGTNDPC ALCSLHSIGK IGGAQNRNYS KLLCGLLSDR LHISPDRVYI NYYDMNAANV GWNGSTFA Molecular weight: 14.9 kDa (138aa) confirmed by MALDI-TOF
Storage:	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.
General Readings:	Miyatake S., et al. (2014) Biochem. Biophys. Res. Commun. 444 (4), 496-501 Muller I., et al. (2013) J. Biol. Chem. 288 (44), 31635-31645

Pictures:

