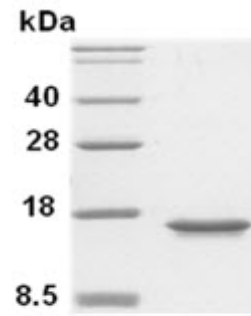


SA6053**Human MIF (1-115, His-tag) - Purified**

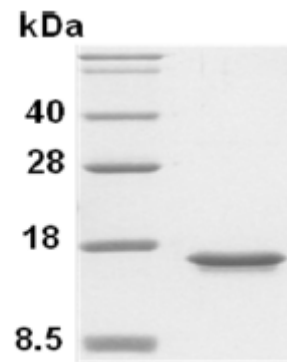
Alternate names:	GLIF, Glycosylation-inhibiting factor, MMIF, Macrophage migration inhibitory factor, Phenylpyruvate tautomerase
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	The cytokine Macrophage migration inhibitory factor (MIF) has been identified to be secreted 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.
Uniprot ID:	P14174
NCBI:	NP_002406.1
GeneID:	4282
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS-PAGE Buffer System: PBS, pH 7.4 Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)
Description:	Recombinant human MIF, fused to His-tag at N-terminus, was cloned into an E. coli expression vector and was purified to apparent homogeneity by using conventional column chromatography techniques. AA Sequence: MRGSHHHHHH GMASMTGGQO MGRDLYDDDD KDRWGSMPMF IVNTNVPRAS VPDGFLSELT QQLAQATGKP PQYIAVHVVP DQLMAFGGSS EPCALCSLHS IGKIGGAQNR SYSKLLCGLL AERLRISPDR VYINYYDMNA ANVGWNNSTF A Molecular weight: 16.6 kDa (151 aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

MIF, 1-115 aa Human, His-tagged,
Recombinant



15% SDS-PAGE (3ug)



15% SDS-PAGE (3ug)