

Macrophage Migration Inhibitory Factor (MIF) Recombinant Protein | MIF recombinant protein

Recombinant Macrophage Migration Inhibitory Factor (MIF)

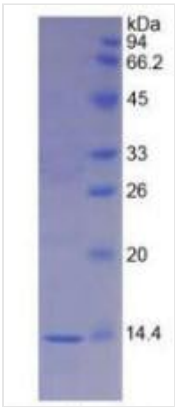
CATALOG # AAA134411	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Macrophage Migration Inhibitory Factor (MIF); Recombinant Macrophage Migration Inhibitory Factor (MIF); MIF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His -Tag, its sequence is listed below. MGHHHH HHSGSEF-FI VNTNVPRASV PEGFLSELTQ QLAQATGKPA QYIAVHVVPD QLMTFSGTND PCALCSLHSI GKIGGAQNRN YSKLLCGLLS DRLHISPDRV YINYYDMNAA NVGWNGS
Sequence Length	115
Applicable Applications for MIF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Phe4~Ser112 (Accession # P34884) with N-terminal His-Tag
Subcellular Location	Secreted. Cytoplasm
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.7
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



FIVNTNV PRASVPEGFL SELTQQLAQA TGKPAQYIAV HVVPDQLMTF
SGTNDPCALC SLHSIGKIGG AQNRNYSKLL CGLLSDLRLHI SPDRVYINYY
DMNAANVGWN GS

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754696
NCBI GeneID	17319
NCBI Accession #	NP_034928.1
NCBI GenBank Nucleotide #	NM_010798.2
UniProt Accession #	P34884
Molecular Weight	13.3kDa
NCBI Official Full Name	macrophage migration inhibitory factor
NCBI Official Synonym Full Names	macrophage migration inhibitory factor
NCBI Official Symbol	Mif
NCBI Official Synonym Symbols	GIF; Glif
NCBI Protein Information	macrophage migration inhibitory factor; DER6; L-dopachrome isomerase; L-dopachrome tautomerase; phenylpyruvate tautomerase; glycosylation-inhibiting factor; delayed early response protein 6
UniProt Protein Name	Macrophage migration inhibitory factor
UniProt Gene Name	Mif
UniProt Synonym Gene Names	MIF; DER6; GIF
UniProt Entry Name	MIF_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.