

## Product datasheet for AR51921PU-N

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OriGene Technologies, Inc.

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

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** MIF (1-115, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID

or AA Sequence: GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML

KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSPEFA MPMFIVNTNV PRASVPDGFL SELTQQLAQA TGKPPQYIAV HVVPDQLMAF GGSSEPCALC SLHSIGKIGG AQNRSYSKLL

CGLLAERLRI SPDRVYINYY DMNAANVGWN NSTFA

Tag: His-tag
Predicted MW: 39.2 kDa
Concentration: lot specific

Purity: >90% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human MIF, fused to GST-tag at N-terminus, was expressed in E.coli and

purified by using conventional chromatography techniques.

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.

**Stability:** Shelf life: one year from despatch.

RefSeq: <u>NP 002406</u>

 Locus ID:
 4282

 UniProt ID:
 P14174

 Cytogenetics:
 22q11.23



## MIF (1-115, His-tag) Human Protein – AR51921PU-N

Synonyms: Macrophage migration inhibitory factor, Phenylpyruvate tautomerase, Glycosylation-

inhibiting factor, GLIF, MMIF

Summary: This gene encodes a lymphokine involved in cell-mediated immunity, immunoregulation, and

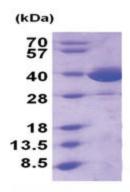
inflammation. It plays a role in the regulation of macrophage function in host defense

through the suppression of anti-inflammatory effects of glucocorticoids. This lymphokine and the JAB1 protein form a complex in the cytosol near the peripheral plasma membrane, which may indicate an additional role in integrin signaling pathways. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

**Protein Pathways:** Phenylalanine metabolism, Tyrosine metabolism

## **Product images:**



15% SDS-PAGE (3ug)