

## Product datasheet for **AR51911PU-S**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	MIF (1-115, His-tag) mouse protein, 0.1 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMPMFIVN TNVPRASVPE GFLSELTQQL AQATGKPAQY IAVHVVPDQL MTFSGTNDPC ALCSLHSIGK IGGAQNRNYS KLLCGLLSDR LHISPDRVYI NYYDMNAANV GWNGSTFA
Tag:	His-tag
Predicted MW:	14.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
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:	<a href="#">NP_034928</a>
Locus ID:	17319
UniProt ID:	<a href="#">P34884</a> , <a href="#">Q545F0</a>
Cytogenetics:	10 C1
Synonyms:	GIF; Glif



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**Summary:**

Pro-inflammatory cytokine. Involved in the innate immune response to bacterial pathogens. The expression of MIF at sites of inflammation suggests a role as mediator in regulating the function of macrophages in host defense. Counteracts the anti-inflammatory activity of glucocorticoids. Has phenylpyruvate tautomerase and dopachrome tautomerase activity (in vitro), but the physiological substrate is not known. It is not clear whether the tautomerase activity has any physiological relevance, and whether it is important for cytokine activity (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**