

## MIF Protein, Mouse

<b>Cat. No.:</b>	HY-P7388
<b>Synonyms:</b>	rMuMMIF; GLIF; GIF; MIF
<b>Species:</b>	Mouse
<b>Source:</b>	E. coli
<b>Accession:</b>	P34884 (M1-A115)
<b>Gene ID:</b>	17319
<b>Molecular Weight:</b>	Approximately 12.5 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>M P M F I V N T N V    P R A S V P E G F L    S E L T Q Q L A Q A    T G K P A Q Y I A V</p> <p>H V V P D Q L M T F    S G T N D P C A L C    S L H S I G K I G G    A Q N R N Y S K L L</p> <p>C G L L S D R L H I    S P D R V Y I N Y Y    D M N A A N V G W N    G S T F A</p>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized after extensive dialysis against PBS.
<b>Endotoxin Level</b>	<0.2 EU/μg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.
<b>Storage &amp; Stability</b>	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	<p>Macrophage Migration Inhibitory Factor (MIF) has assumed an important role as a pivotal regulator of innate immunity. MIF is an integral component of the host antimicrobial alarm system and stress response that promotes the pro-inflammatory functions of immune cells. MIF-directed therapies might offer new treatment opportunities for human diseases in the future [1].</p>
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### REFERENCES

[1]. Calandra T, et al. Macrophage migration inhibitory factor: a regulator of innate immunity. *Nat Rev Immunol.* 2003 Oct;3(10):791-800.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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