

## ARG70403 Mouse MIF recombinant protein (His-tagged, C-ter)

Package: 100 µg, 20 µg  
Store at: -20°C

### Summary

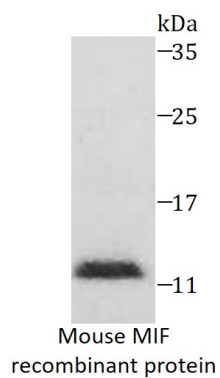
Product Description	E. coli expressed, His-tagged (C-ter) Mouse MIF recombinant protein
Tested Application	SDS-PAGE
Target Name	MIF
Species	Mouse
A.A. Sequence	Met1 - Ala115
Expression System	E. coli
Alternate Names	MIF; Macrophage Migration Inhibitory Factor; GIF; Phenylpyruvate Tautomerase; GLIF; Macrophage Migration Inhibitory Factor (Glycosylation-Inhibiting Factor); Glycosylation-Inhibiting Factor; L-Dopachrome Tautomerase; L-Dopachrome Isomerase; MMIF; Epididymis Secretory Sperm Binding Protein; EC 5.3.3.12; EC 5.3.2.1

### Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	MIF
Gene Full Name	Macrophage Migration Inhibitory Factor
Background	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.
Function	Has phenylpyruvate tautomerase and dopachrome tautomerase activity (in vitro), but the physiological substrate is not known.
PTM	Acetylation
Cellular Localization	Cytoplasm, Secreted



ARG70403 Mouse MIF recombinant protein (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70403 Mouse MIF recombinant protein (His-tagged, C-ter) recombinant protein