

# Mouse MIF recombinant protein



Catalog Number: 500920

## General Information

### Gene Name Synonym

Delayed early response protein 6; Glycosylation-inhibiting factor; L-dopachrome isomerase; L-dopachrome tautomerase; Phenylpyruvate tautomerase

### Protein Construction

A DNA sequence encoding the mouse MIF (P34884) precursor (Pro 2-Ala 115) was expressed, with an initial Met at the N-terminus.

### Organism

Mouse

### Expression Host

E. coli

## QC Testing

### Purity

> 93 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant mouse MIF consists of 115 amino acids and has a calculated molecular mass of 12.5 kDa. It migrates as an approximately 13 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 0.1 M NaCl, pH 8.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

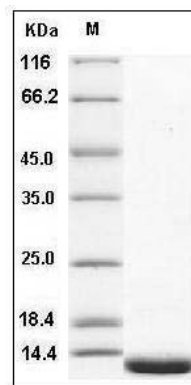
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Mouse MIF / Migration Inhibitory Factor Protein  
SDS-PAGE