# Mouse MIF recombinant protein

Catalog Number: 500920



## **General Information**

## Gene Name Synonym

Delayed early response protein 6; Glycosylationinhibiting factor; L-dopachrome isomerase; Ldopachrome 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**

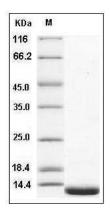
### Storage

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