

# Mouse Cyclophilin A (His Tag) recombinant protein



Catalog Number: 502546

## General Information

### Gene Name Synonym

Cyclophilin A; Cyclosporin A-binding protein; Rotamase A; SP18; Peptidyl-prolyl cis-trans isomerase A, N-terminally processed

### Protein Construction

A DNA sequence encoding the mouse PPIA (NP\_032933.1) (Met 1-Leu 164) was expressed, with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

E. coli

## QC Testing

### Purity

> 97 % 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 human mouse PPIA consisting of 170 amino acids and has a calculated molecular mass of 18.8 kDa. It migrates as an approximately 17 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4, 10% glycerol  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

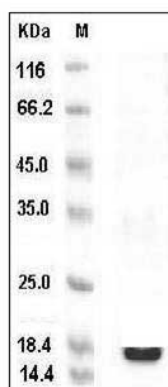
### Storage

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 Cyclophilin A / PPIA / CYPA Protein (His Tag) SDS-PAGE