

# Mouse FKBP12/FKBP1A (His Tag) recombinant protein



Catalog Number: 501041

## General Information

### Gene Name Synonym

12 kDa FK506-binding protein; Calstabin-1; FK506-binding protein 1A; Immunophilin FKBP12; Rotamase

### Protein Construction

A DNA sequence encoding the mouse FKBP1A (NP\_032045.1) (Gly 2-Glu 108) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Mouse

### Expression Host

E. coli

## QC Testing

### Purity

> 95 % 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 FKBP1A consisting of 114 amino acids and has a calculated molecular mass of 12.7 kDa.

### Formulation

Lyophilized from sterile 50 mM HEPES, pH 6.5, 100 mM NaCl.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

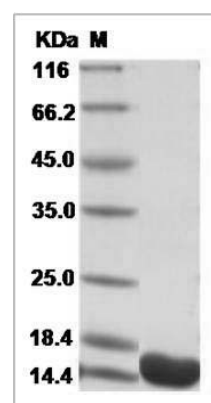
### Storage

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 FKBP12 / FKBP1A Protein (His Tag) SDS-PAGE