# 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 polyhistide 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**

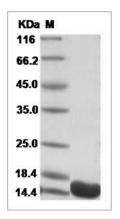
#### **Storage**

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