

# Mouse Prolyl endopeptidase / PREP (His Tag) recombinant protein



Catalog Number: 502784

## General Information

### Gene Name Synonym

Post-proline cleaving enzyme

### Protein Construction

A DNA sequence encoding the mature form of mouse PREP (Q9QUR6) (Leu2-Gln710) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Mouse

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

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

### Predicted N terminal

His

### Molecular Mass

The recombinant mouse PREP consists of 727 amino acids and predicts a molecular mass of 82.9 KDa. It migrates as an approximately 79-83 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol, 3mM DTT

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

## Usage Guide

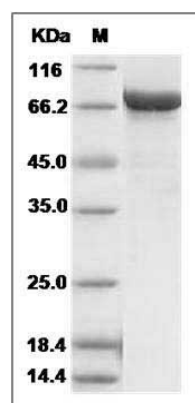
### Storage

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 Prolyl endopeptidase / PREP Protein (His Tag) SDS-PAGE