

# Rat IL-1 beta (pro form, His Tag) recombinant protein



Catalog Number: 503638

## General Information

### Protein Construction

A DNA sequence encoding the pro form of rat IL1B (Q63264-1) (Met 1-Ser 268) was fused with a polyhistidine tag at the N-terminus.

### Organism

Rat

### Expression Host

E. coli

## QC Testing

### Purity

> 90 % 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 rat IL1B comprises 279 amino acids and predicts a molecular mass of 32.1 kDa. The apparent molecular mass of the rat IL1B is approximately 35 kDa in SDS-PAGE under

reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 500mM NaCl, pH 8.0

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

## Usage Guide

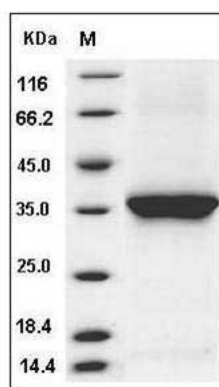
### Storage

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



Rat IL-1 beta / IL1B Protein (pro form, His Tag)  
SDS-PAGE