

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

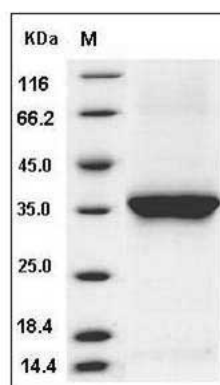
Storage

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