

# Rat IL-2 recombinant protein



Catalog Number: 500720

## General Information

### Gene Name Synonym

T-cell growth factor

### Protein Construction

A DNA sequence encoding the rat IL2 (P17108) (Ala 21-Gln 155) was expressed and purified, with an initial Met at the N-terminus.

### Organism

Rat

### Expression Host

E. coli

## QC Testing

### Activity

Measured by its ability to bind recombinant human IL2Ra-Fc (Cat:503136) in a functional ELISA.

### 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 rat IL2 consisting of 136 amino acids and has a calculated molecular mass of 15.6 kDa. It migrates as an approximately 15 kDa band in SDS-PAGE under reducing conditions.

## Formulation

Lyophilized from sterile PBS, pH 7.4

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

## Usage Guide

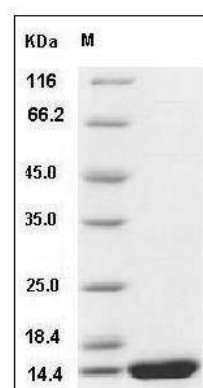
### Storage

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 Interleukin-2 / IL-2 Protein SDS-PAGE