

# Human IL-15 / IL15 / Interleukin 15 recombinant protein



Catalog Number: 501989

## General Information

### Protein Construction

A DNA sequence encoding the human IL15 (NP\_000576.1) (Asn49-Ser162) was expressed.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The  $EC_{50}$  for this effect is typically 0.8-4 ng/mL.

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

< 0.1 EU per 1 $\mu$ g cytokine 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

Asn 49

### Molecular Mass

The recombinant human IL15 consists of 114 amino acids and predicts a molecular mass of 12.8 kDa.

### Formulation

Lyophilized from sterile 50 mM Tris, 200 mM 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

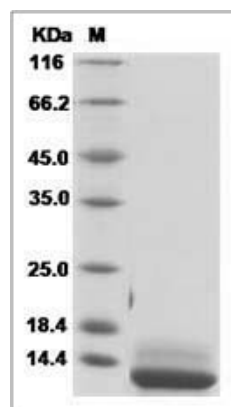
### Storage

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



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