

# Human IL-3 recombinant protein



Catalog Number: 503153

## General Information

### Gene Name Synonym

Hematopoietic growth factor; Mast cell growth factor; Multipotential colony-stimulating factor; P-cell-stimulating factor

### Protein Construction

A DNA sequence encoding the human IL3 (NP\_000579.2) (Ala20-Phe152) was expressed with an initial Met.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED<sub>50</sub> for this effect is typically 0.04-0.2 ng/mL.

### 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 human IL3 consists 134 amino acids and predicts a molecular mass of 15.2 kDa.

### 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

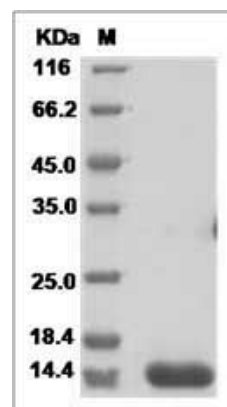
### Storage

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



Human IL3 / IL-3 Protein SDS-PAGE