

# Human IL-3 (His Tag) recombinant protein



Catalog Number: 500418

## 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) (Met1-Phe152) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Ala 20

## Molecular Mass

The recombinant human IL3 consists 144 amino acids and predicts a molecular mass of 16.5 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

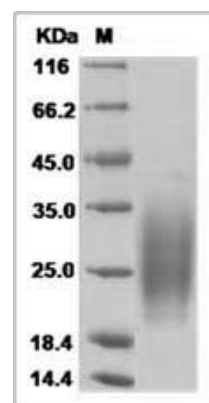
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 (His Tag)