

# Mouse IL3 recombinant protein (Native)



Catalog Number: 514879

## General Information

### Gene Name Synonym

IL-3; Hematopoietic growth factor; Mast cell growth factor; MCGF; Multipotential colony-stimulating factor; P-cell-stimulating factor

### Protein Construction

A DNA sequence encoding the mouse IL3 (NP\_034686.2) (Met1-Cys166) was expressed.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured in a cell proliferation assay using NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED<sub>50</sub> for this effect is 0.1-0.5 ng/mL.

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per µg protein 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

Ala 27

### Molecular Mass

The recombinant mouse IL3 consists of 140 amino acids and predicts a molecular mass of 15.7 kDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.
2. Please contact us for any concerns or special requirements.

## Usage Guide

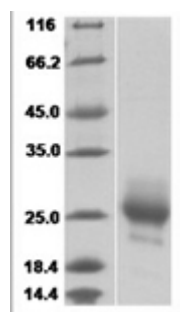
### Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

### SDS-PAGE



Mouse IL3/IL-3/Interleukin-3 Protein 14135