

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 ED₅₀ 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

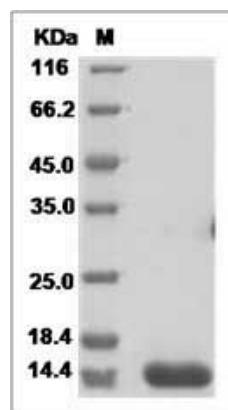
Storage

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