

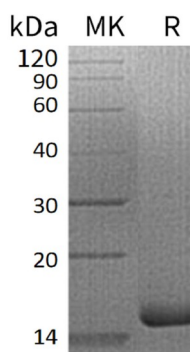
**Product Name: Recombinant Human IL-3 (N-6His)**  
**Catalog #: PEH0919**



## Summary

<b>Name</b>	IL-3/Interleukin-3
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Interleukin-3 is produced by our E.coli expression system and the target gene encoding Ala20-Phe152 is expressed with a 6His tag at the N-terminus.
<b>Accession #</b>	P08700
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	16.6 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mMPB, 5%Sucrose, 0.05%Tween80, pH 6.5.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



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## Background

### Alternative Names

Interleukin-3; IL-3; Hematopoietic Growth Factor; Mast Cell Growth Factor; MCGF; Multipotential Colony-Stimulating Factor; P-Cell-Stimulating Factor; IL3

### Background

Interleukin-3 (IL-3) is a potent growth promoting cytokine. IL-3 can stimulate the proliferation and differentiation of pluripotent hematopoietic stem cells as well as various lineage committed progenitors. IL-3 exerts its biological function through binding to specific cell surface receptors. The amino acid sequences of this protein among different species share relatively low identity and its activity is highly species-specific. IL-3 has also been shown to possess neurotrophic activity, and is thought to be associated with neurologic disorders.

## Note

For Research Use Only , Not for Diagnostic Use.