

## Active GMP Recombinant Human IL3 Protein

Cat. No. IL3-01HG Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human IL3 protein, was expressed in CHO-K1 cell-derived in an animal component free process under cGMP guidelines.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>Description</b>	The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders.
<b>Form</b>	Lyophilized powder
<b>Endotoxin</b>	<20 EU/mg
<b>Bio-activity</b>	>2.0 x 10 <sup>6</sup> IU/mg
<b>Purity</b>	>95.0% by high performance liquid chromatography (SEC-HPLC) and SDS-PAGE.
<b>Storage Buffer</b>	10mM Phosphate-Buffered Saline (pH 7.2)
<b>Storage</b>	Stable storage at 4°C for 7-10 days; for long-term storage, please store at -20°C after dispensing.

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**Sterility**

Sterility

**Instructions**

It is recommended that lyophilized GMP rhIL3 be dissolved in water for injection or sterilized ultrapure water at a concentration of not less than 100 µg/ml, pending further dilution to working concentration.

## GENE INFORMATION

**Gene Name**

IL3 interleukin 3 [ Homo sapiens (human) ]

**Official Symbol**

IL3

**Synonyms**

IL-3; MCGF; MULTI-CSF

**Gene ID**

3562

**mRNA Refseq**

NM\_000588.4

**Protein Refseq**

NP\_000579.2

**UniProt ID**

P08700

**MIM**

147740

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