

Recombinant Human IL3 Protein, GMP Grade, Animal-Free

Cat. No. IL3-32HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human IL3 protein with out tag was expressed in E. coli and manufactured using animal-derived component free materials.
Species	Human
Source	E.coli
Description	IL-3 is a hematopoietic growth factor that promotes the survival, differentiation and proliferation of committed progenitor cells of the megakaryocyte, granulocyte-macrophage, erythroid, eosinophil, basophil and mast cell lineages. Produced by T cells, mast cells and eosinophils, IL-3 enhances thrombopoiesis, phagocytosis, and antibody-mediated cellular cytotoxicity. Its ability to activate monocytes suggests that IL-3 may have additional immunoregulatory roles. Many of the IL-3 activities depend upon co-stimulation with other cytokines. IL-3 is a species-specific, variably glycosylated cytokine.
AA Sequence	APMTQTTSLKTSWVNCNMIIDEIITHLKQPPLPLLDFFNNLNGEDQDILMENNLRPNL EAFNRAVKSLQNASAIESILKNLLPCLPLATAAPTRHPIHIKGDWNEFRRLTFYLK LENAQAQQTTLAIF
Purity	≥ 98% by SDS-PAGE gel and HPLC analyses.

GENE INFORMATION

Gene Name	IL3 interleukin 3 (colony-stimulating factor, multiple) [Homo sapiens (human)]
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Official Symbol	IL3
Synonyms	IL3; interleukin 3 (colony-stimulating factor, multiple); interleukin-3; hematopoietic growth factor; IL 3; mast cell growth factor; MCGF; MGC79398; MGC79399; MULTI CSF; multilineage colony stimulating factor; P cell stimulating factor; mast-cell growth factor; P-cell stimulating factor; P-cell-stimulating factor; multilineage-colony-stimulating factor; multipotential colony-stimulating factor; IL-3; MULTI-CSF;
Gene ID	3562
mRNA Refseq	NM_000588
Protein Refseq	NP_000579
MIM	147740
UniProt ID	P08700

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