

Active GMP Recombinant Human IL3 Protein

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

SPECIFICATION

Product Overview	Recombinant human IL3 protein, was expressed in CHO-K1 cell-derived in an animal component free process under cGMP guidelines.
Species	Human
Source	CHO
Description	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.
Form	Lyophilized powder
Endotoxin	<20 EU/mg
Bio-activity	>2.0 x 10 ⁶ IU/mg
Purity	>95.0% by high performance liquid chromatography (SEC-HPLC) and SDS-PAGE.
Storage Buffer	10mM Phosphate-Buffered Saline (pH 7.2)
Storage	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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