

Active Recombinant Human IL3 protein

Cat. No. IL3-4316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL3 protein was expressed in Yeast.
Species	Human
Source	Yeast
Form	Lyophilized from a 0.2µm filtered solution in PBS, pH7.4.
Bio-activity	Measured in a cell proliferation assay using TF-1 cells. The specific activity shall be not less than 1.8×10 ⁶ IU/mg.
Molecular Mass	Approximately 15-25 kD glycosylated protein.
Endotoxin	<1EU/µg, determined by the LAL method.
Purity	≥97%.
Storage	Lyophilized samples are stable for 36 months from date of manufacture at -20°C to -70°C. Upon reconstitution, this cytokine can be stored under sterile conditions at 2- 8°C for one month or at -20°C to -70°C in a manual defrost freezer for three months without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended to centrifuge at 10,000rpm for 30-60 sec or 3000rpm for 5 min

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

before opening the tube, and then reconstitute with 0.2ml sterile water.

GENE INFORMATION

Gene Name	IL3 interleukin 3 (colony-stimulating factor, multiple) [Homo sapiens]
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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