

## Active Recombinant Human IL3 protein(Ala20-Phe152)

Cat. No. IL3-436H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL3 protein(NP_000579.2)(Ala20-Phe152) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala20-Phe152
<b>similar</b>	IL3
<b>Alias</b>	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;
<b>Conjugate</b>	N/A
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bioactivity</b>	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.1-0.6ng/ml.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>MolecularMass</b>	The recombinant human IL3 consists of 134 amino acids and predicts a molecular mass of 15.2 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>GeneName</b>	IL3 interleukin 3 (colony-stimulating factor, multiple) [ Homo sapiens ]
<b>GeneNameWeblink</b>	<a href="#">3562</a>
<b>OfficialSymbol</b>	IL3
<b>OfficialSymbolWeblink</b>	<a href="#">3562</a>
<b>GeneID</b>	3562
<b>GeneIDWeblink</b>	<a href="#">3562</a>
<b>mRNARefseq</b>	NM_000588
<b>mRNARefseqWeblink</b>	<a href="#">NM_000588.3</a>
<b>ProteinRefseqWeblink</b>	<a href="#">NP_000579.2</a>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>MIMWeblink</b>	<a href="#">147740</a>
<b>UniProtID</b>	P08700
<b>UniProtIDWeblink</b>	<a href="#">P08700</a>

## GENE INFORMATION

<b>Synonyms</b>	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;
<b>MIM</b>	147740

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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