

Active Recombinant Human IL3 protein

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

SPECIFICATION

Product Overview	Active Recombinant Human IL3 protein(AAC08706)(Ala20-Phe152) is expressed from E.coli without tag.
Species	Human
Source	E.coli
ProteinLength	20-152 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is 0.15 - 0.75 ng/mL.
Molecular Mass	The protein has a predicted MW of 15.09 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 0.05 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

 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

GENE INFORMATION

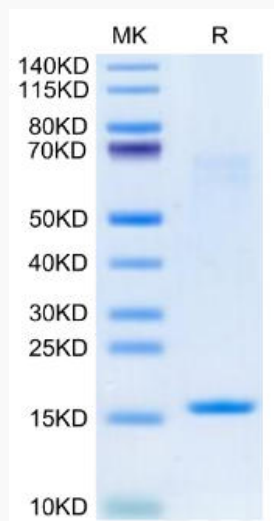
Gene Name	IL3 interleukin 3 (colony-stimulating factor, multiple) [Homo sapiens]
Official Symbol	IL3
Synonyms	IL3; interleukin 3 (colony-stimulating factor, multiple); interleukin-3; hematopoietic growth factor; IL 3; mast cell growth factor; MCGF; MGC79398; MGC79399; MULTI CSF; multilineage colony stimulating 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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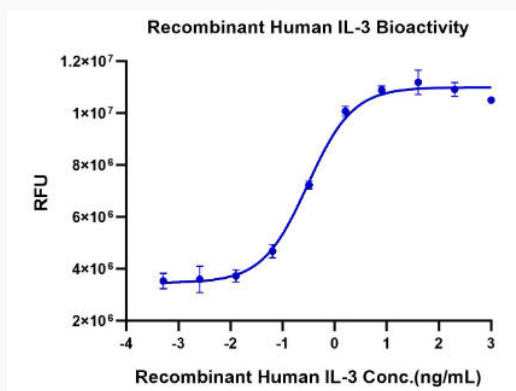
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Bis-Tris PAGE



Cell Based Assay



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