

Active Recombinant Human IL3 protein, hFc-tagged, Low Endotoxin

Cat. No. IL3-6745H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL3 protein(P08700)(Ala20-Phe152), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-152 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Human IL-3, hFc Tag Tag on ProA-Biosensor, can bind Human IL-3 R alpha, His Tag with an affinity constant of 0.55 μ M as determined in BLI assay (Gator).
Molecular Mass	The protein has a predicted MW of 41.6 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

 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

for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled 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

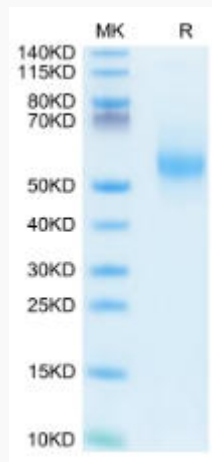
UniProt ID P08700

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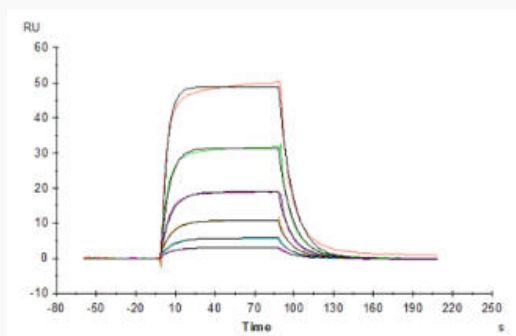
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Bis-Tris PAGE



SPR Data



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