

## Recombinant Human IL3 protein, hFc-tagged

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

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human IL3 protein(P08700)(Ala20-Phe152), fused with C-terminal hFc tag, was expressed in HEK293.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | Ala20-Phe152   |
| <b>Tag</b>              | C-hFc  |
| <b>Form</b>             | Supplied as 0.22µm filtered solution in PBS (pH 7.4).  |
| <b>Bio-activity</b>     | Human IL-3, hFc Tag captured on CM5 Chip via Protein A can bind Human IL-3 R alpha, His Tag with an affinity constant of 0.276 uM as determined in SPR assay (Biacore T200). |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 41.6 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.   |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.  |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC   |
| <b>Storage</b>          | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot  |

 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

the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

**Reconstitution**

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.

## 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**

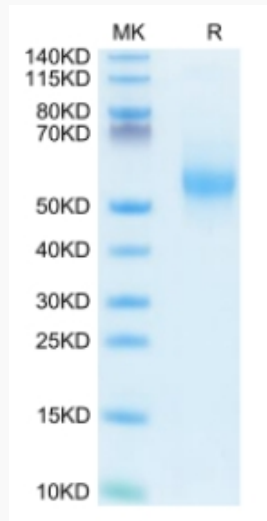
P08700

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

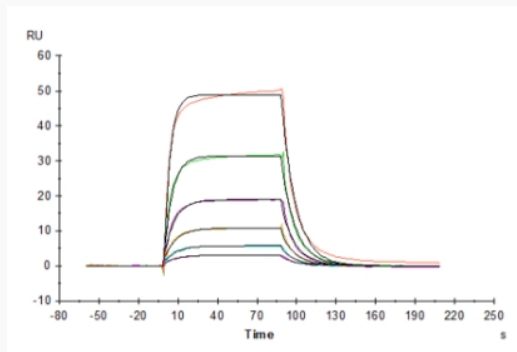
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Tris-Bis PAGE**



**SPR Data**



 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