

## Recombinant Human IL3RA protein, Fc-His-tagged

**Cat. No.** IL3RA-3248H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL3RA protein(NP_002174.1)(Met 1-Arg 305) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-305 aa                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | The recombinant human IL3RA/Fc is a disulfide-linked homodimer. The reduced monomer comprises 535 amino acids and has a predicted molecular mass of 61 kDa. As a result of glycosylation, the apparent molecular mass of rh IL3RA/Fc monomer is approximately 80-90 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | > 75 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                           |

 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

**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** IL3RA interleukin 3 receptor, alpha (low affinity) [ Homo sapiens ]

**Official Symbol** IL3RA

**Synonyms** IL3RA; interleukin 3 receptor, alpha (low affinity); interleukin-3 receptor subunit alpha; CD123; IL-3RA; IL-3R-alpha; CD123 antigen; IL-3R subunit alpha; IL-3 receptor subunit alpha; IL-3 receptor alpha SP2 isoform; IL3R; IL3RX; IL3RY; IL3RAY; hIL-3Ra; MGC34174;

**Gene ID** 3563

**mRNA Refseq** NM\_002183

**Protein Refseq** NP\_002174

**MIM** 308385

**UniProt ID** P26951

 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