

# Recombinant Human IL3RA(Thr19-Arg305) Protein, C-Fc-Avi-tagged, Biotinylated

**Cat. No.** IL3RA-157H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL3RA(P26951)(Thr19-Arg305) Protein, fused with a Fc, Avi tag at the C-terminus, was produced in HEK293. The purified protein was biotinylated in vitro. |
| <b>Species</b>          | Human                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                     |
| <b>ProteinLength</b>    | 19-305 a.a.                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                |
| <b>Molecular Mass</b>   | The recombinant Human IL3RA Protein has a predicted molecular mass of 61.8kDa, it migrates with an apparent molecular mass of 80-100kDa under reducing conditions.         |
| <b>AA Sequence</b>      | Thr19-Arg305                                                                                                                                                               |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein as determined by the LAL method.                                                                                                           |
| <b>Purity</b>           | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                       |
| <b>Characteristic</b>   | The biotin to protein ratio is 0.5-1 as determined by the HABA assay.                                                                                                      |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.                                                                                         |

 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

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.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping**

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.

Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

**Conjugation**

Biotin

## 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

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