

## Active Recombinant Human IL2RA protein, Fc-Avi-tagged, Biotinylated, MALS verified

**Cat. No.** IL2RA-1632H    **Lot. No.** (See product label)

### SPECIFICATION

|                          |                                                                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Active Recombinant Human IL2RA protein(P01589-1)(Glu 22 - Cys 213), fused with C-terminalFc and Avi tag, was expressed in HEK293.         |
| <b>Species</b>           | Human                                                                                                                                                  |
| <b>Source</b>            | HEK293                                                                                                                                                 |
| <b>ProteinLength</b>     | 22-213 a.a.                                                                                                                                            |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                 |
| <b>Form</b>              | Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5 with trehalose as protectant.             |
| <b>Bio-activity</b>      | Immobilized Human IL-2, Tag Free at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-2 R alpha, Fc,Avitag with a linear range of 0.005-1.25 µg/mL. |
| <b>Molecular Mass</b>    | The protein has a calculated MW of 49.9 kDa.                                                                                                           |
| <b>Endotoxin</b>         | Less than 1.0 EU per µg by the LAL method.                                                                                                             |
| <b>Purity</b>            | >95% as determined by SDS-PAGE.                                                                                                                        |
| <b>Storage</b>           | For long term storage, the product should be stored at lyophilized state at -20°C or                                                                   |

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lower.  
Please avoid repeated freeze-thaw cycles.  
This product is stable after storage at:  
-20°C to -70°C for 12 months in lyophilized state;  
-70°C for 3 months under sterile conditions after reconstitution.

**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.

**Conjugation**

Biotin

## GENE INFORMATION

**Gene Name**

IL2RA interleukin 2 receptor, alpha [ Homo sapiens ]

**Official Symbol**

IL2RA

**Synonyms**

IL2RA; interleukin 2 receptor, alpha; IL2R; interleukin-2 receptor subunit alpha; CD25; p55; IL2-RA; IL-2-RA; TAC antigen; IL-2R subunit alpha; IL-2 receptor subunit alpha; TCGFR; IDDM10;

**Gene ID**

3559

**mRNA Refseq**

NM\_000417

**Protein Refseq**

NP\_000408

**MIM**

147730

**UniProt ID**

P01589

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