

## IL4RA recombinant protein

Human IL4RA Protein, mFc Tag

CATALOG #  
**AAA47464**

HOST  
**HEK293 cells**

### PRODUCT SYNONYMS

IL4RA; Human IL4RA Protein; mFc Tag; CD124; IL-4RA; IL4RA recombinant protein

### PRODUCT SPECIFICATIONS

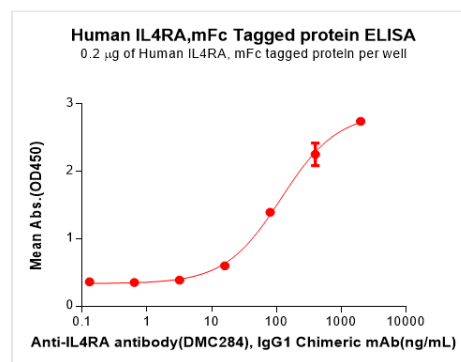
|                         |                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                 |
| Purity/Purification     | >95%; affinity purification                                                                                  |
| Form/Format             | Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. |
| Sequence                | IL4RA(Met2 6-His232)+ mFc(Pro99- Lys330)                                                                     |
| Species                 | Human                                                                                                        |
| Tag                     | C-Mouse Fc tag                                                                                               |
| Reconstitution          | Reconstitute with deionized water                                                                            |
| Preparation and Storage | Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)                                    |

### IMAGES



SDS-PAGE

Figure 1. Human IL4RA Protein, mFc Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. Human IL4RA Protein, mFc Tag on SDS-PAGE under reducing condition.

### ADDITIONAL INFORMATION

#### Related Product Information for IL4RA recombinant protein

This gene encodes the alpha chain of the interleukin-4 receptor, a type I transmembrane protein that can bind interleukin 4 and interleukin 13 to regulate IgE production. The encoded protein also can bind interleukin 4 to promote differentiation of Th2 cells. A soluble form of the encoded protein can be produced by proteolysis of the membrane-bound protein, and this soluble form can inhibit IL4-mediated cell proliferation and IL5 upregulation by T-cells. Allelic variations in this gene have been associated with atopy, a condition that can manifest itself as allergic rhinitis, sinusitis, asthma, or eczema. Polymorphisms in this gene are also associated with resistance to human immunodeficiency virus type-1 infection. Alternate splicing results in multiple transcript variants.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4557669                                                                                                                                                         |
| NCBI GeneID                      | 3566                                                                                                                                                            |
| NCBI Accession #                 | NP_000409.1                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_000418.3                                                                                                                                                     |
| UniProt Accession #              | P24394; Q96P01; Q9H181; Q9H182; Q9H183; Q9H184; Q9H185; Q9H186; Q9H187; Q9H188; B9EKU8; H3BSY5                                                                  |
| Molecular Weight                 | 89,658 Da                                                                                                                                                       |
| NCBI Official Full Name          | interleukin-4 receptor subunit alpha isoform a                                                                                                                  |
| NCBI Official Synonym Full Names | interleukin 4 receptor                                                                                                                                          |
| NCBI Official Symbol             | IL4R                                                                                                                                                            |
| NCBI Official Synonym Symbols    | CD124; IL4RA; IL-4RA                                                                                                                                            |
| NCBI Protein Information         | interleukin-4 receptor subunit alpha; IL4R nirs variant 1; IL-4 receptor subunit alpha; interleukin-4 receptor alpha chain                                      |
| UniProt Protein Name             | Interleukin-4 receptor subunit alpha                                                                                                                            |
| UniProt Gene Name                | <b>IL4R</b>                                                                                                                                                     |
| UniProt Synonym Gene Names       | IL4RA; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; Soluble IL-4 receptor subunit alpha; Soluble IL-4R-alpha; sIL4Ralpha/prot; IL4-BP |
| UniProt Entry Name               | IL4RA_HUMAN                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/il4r-recombinant-protein-hek293-cells/47464>