

## Active Recombinant Mouse IL4RA protein, Fc-tagged

**Cat. No.** IL4RA-351M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse IL4RA protein (Ile26-Arg233), fused to human IgG1 Fc tag at C-terminus, was expressed in human 293 cells (HEK293).                        |
| <b>Species</b>          | Mouse                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                      |
| <b>ProteinLength</b>    | Ile 26 - Arg 233                                                                                                                                            |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization. |
| <b>Bio-activity</b>     | Immobilized Mouse IL-4, His Tag at 5 µg/mL (100 µL/well) can bind Mouse IL-4 R alpha, Fc Tag with a linear range of 0.2-16 ng/mL.                           |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 51 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE).                                       |
| <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 centigrade or lower.<br>Please avoid repeated freeze-thaw cycles.           |

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This product is stable after storage at:

-20 centigrade to -70 centigrade for 12 months in lyophilized state;

-70 centigrade 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.

### GENE INFORMATION

**Gene Name** IL4ra interleukin 4 receptor, alpha [ Mus musculus ]

**Official Symbol** IL4RA

**Synonyms** IL4RA; interleukin 4 receptor, alpha; interleukin-4 receptor subunit alpha; IL-4RA; IL-4R-alpha; IL-4R subunit alpha; IL-4 receptor alpha chain; IL-4 receptor subunit alpha; Il4r; CD124; MGC118473;

**Gene ID** 16190

**mRNA Refseq** NM\_001008700

**Protein Refseq** NP\_001008700

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