

Active Recombinant Mouse IL4RA protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse IL4RA protein (Ile26-Arg233), fused to human IgG1 Fc tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Mouse
Source	HEK293
ProteinLength	Ile 26 - Arg 233
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	The protein has a calculated MW of 51 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. 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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