

Active Recombinant Human IL4RA protein, Fc-tagged

Cat. No. IL4RA-0294H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL4RA protein(Met26-His232), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-232 a.a.
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 Human IL-4, Tag Free at 5 µg/mL (100 µL/well)can bind Human IL-4 R alpha, Fc Tag with a linear range of 1-20 ng/mL.Immobilized Human IL-4 R alpha, Fc Tag at 5 µg/mL (100 µL/well)can bind Biotinylated Human IL-4, Avitag,His Tag with a linear range of 0.1-2 ng/mL.Serial dilutions of Monoclonal IL-4R/CD124 Neutralizing Antibody were added into Human IL-4 R alpha, Fc Tag: Biotinylated Human IL-4, Avitag,His Tag binding reactions. The half maximal inhibitory concentration (IC50) is 1.144 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 50.4 kDa. The protein migrates as 57-68 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Met26-His232

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Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after 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.
GENE INFORMATION	
Official Symbol	IL4RA

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