

Active Recombinant Cynomolgus IL4 protein, Fc-tagged

Cat. No. IL4-0174C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL4 protein(His25-Ser153), fused with Fc tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	25-153 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 51 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus / Rhesus macaque IL-4 R alpha, His Tag at 5 µg/mL (100 µL/well) can bind Cynomolgus IL-4, Fc Tag with a linear range of 0.1-4 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 41.4 kDa. The protein migrates as 46-50 kDa and 53 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	His25-Ser153
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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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

IL4

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