

Active Recombinant Human IL4 protein, His-tagged

Cat. No. IL4-0173H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL4 protein(His25-Ser153), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-153 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-4, His Tag at 5 µg/mL (100 µL/well) can bind Human IL-4 R alpha, Fc Tag with a linear range of 0.5-16 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 16.9 kDa. The protein migrates as 22-24 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

Gene Name IL4 interleukin 4 [Homo sapiens]

Official Symbol IL4

Synonyms IL4; interleukin 4; interleukin-4; B cell growth factor 1; B_cell stimulatory factor 1; BCGF 1; BCGF1; BSF1; IL 4; lymphocyte stimulatory factor 1; MGC79402; binetrakin; pitrakinra; IL-4; BSF-1; BCGF-1;

Gene ID 3565

mRNA Refseq NM_000589

Protein Refseq NP_000580

MIM 147780

UniProt ID P05112

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