

Active Recombinant Mouse IL4 protein, His-tagged

Cat. No. IL4-0175M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL4 protein(His21-Ser140), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	21-140 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 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	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 15.4 kDa. The protein migrates as 19-23 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	His21-Ser140
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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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 [<i>Mus musculus</i>]
Official Symbol	IL4
Synonyms	IL4; interleukin 4; interleukin-4; IGG1 induction factor; B-cell growth factor 1; B-cell stimulatory factor 1; lymphocyte stimulatory factor 1; B-cell IgG differentiation factor; Il-4; BSF-1;
Gene ID	16189
mRNA Refseq	NM_021283
Protein Refseq	NP_067258

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