

Active Recombinant Mouse IL4 protein, His-tagged, Low Endotoxin

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

SPECIFICATION

Product Overview	Recombinant Mouse IL4 protein(P07750)(21-140 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	21-140 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Mouse IL-4 R alpha, His Tag immobilized on CM5 Chip can bind Mouse IL-4, His Tag with an affinity constant of 21.13 pM as determined in SPR assay (Biacore S200).
Molecular Mass	The protein has a predicted MW of 15.17 kDa. Due to glycosylation, the protein migrates to 20-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name IL4 interleukin 4 [*Mus musculus*]

Official Symbol IL4

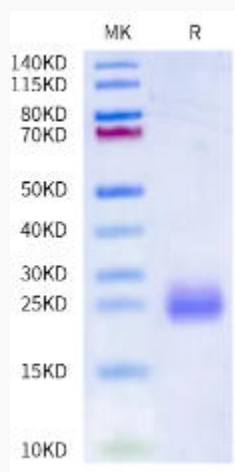
Synonyms IL4; interleukin 4; interleukin-4; IGG1 induction factor; B-cell growth factor 1; B-cell stimulatory factor 1; lymphocyte stimulatory factor 1; B-cell IgG differentiation factor; IL-4; BSF-1;

Gene ID 16189

mRNA Refseq NM_021283

Protein Refseq NP_067258

Bis-Tris PAGE



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SPR Data

