

Active Recombinant Human IL4 protein, His-tagged

Cat. No. IL4-0805H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL4 protein(P05112)(25~153 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	25-153 aa
Form	Lyophilized from sterile 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Bio-activity	IL-4 will induce the differentiation of THP-1 cells into dendritic cells and macrophages in vitro. THP-1 cells were cultured in RPMI-1640 and stimulated with 2ng/mL IL-4, after 10 days of stimulation, partial cells became larger, grew synapses, and had vesicular bodies intracellular, which showed a morphological characteristics of dendritic cells and macrophages.
Molecular Mass	16.7kDa
Endotoxin	<1.0EU per 1µg (determined by the LAL method).
Purity	> 95% as determined by SDS-PAGE.
Storage	Avoid repeated freeze/thaw cycles. Store at -20°C for 12 months. Aliquot and store at

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-80°C for 12 months.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (PH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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;

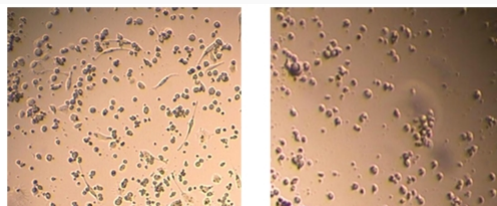
Gene ID 3565

mRNA Refseq NM_000589

Protein Refseq NP_000580

MIM 147780

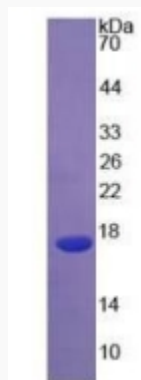
UniProt ID P05112

Activity


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SDS-PAGE

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