

Active Recombinant Mouse IL4, MlgG2a Fc-tagged, mutant

Cat. No. IL4-001M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse IL-4 (NP_067258.1) (His21-Ser140) is fused to the N-terminus of the Fc region of a mutant mouse IgG2a was expressed in CHO cell
Species	Mouse
Source	CHO
ProteinLength	21-140 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured in a cell proliferation assay using HT-2 mouse T cells.
Molecular Mass	43 KDa (monomer)
AA Sequence	His21-Ser140
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.

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Warning Avoid freeze/thaw cycles.

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

Pathway Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Asthma, organism-specific biosystem; Asthma, conserved biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem;

Function cytokine activity; cytokine receptor binding; growth factor activity; interleukin-4 receptor binding;

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