

Active Recombinant Mouse IL6, MIgG2a Fc-tagged

Cat. No. IL6-001M Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse IL-6 (NP_112445.1)(Met1-Thr211) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell
Species	Mouse
Source	CHO
ProteinLength	1-211 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by the dose-dependent stimulation of the proliferation of IL-6 dependent mouse 7TD1 cells
Molecular Mass	51KDa
AA Sequence	Met1-Thr211
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 IL6 interleukin 6 [*Mus musculus*]

Official Symbol IL6

Synonyms IL6; interleukin 6; interleukin-6; interleukin HP-1; B-cell hybridoma growth factor; Il-6;

Gene ID 16193

mRNA Refseq [NM_031168](#)

Protein Refseq [NP_112445](#)

Pathway Adipogenesis, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem;

Function cytokine activity; cytokine activity; growth factor activity; interleukin-6 receptor binding; interleukin-6 receptor binding; protein binding; receptor binding;

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