

Active Recombinant Mouse IL10, MIgG2a Fc-tagged, mutant

Cat. No. IL10-002M Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse IL-10 (AAI37845.1)(Met1-Ser178) is fused to the N-terminus of the Fc region of mutant mouse IgG2a was expressed in CHO cell.
Species	Mouse
Source	CHO
ProteinLength	1-178 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	6,000 units/g as determined by ELISA. Bioactivity demonstrated in cytokine synthesis inhibition assay, measuring inhibition of IL-6 production by PU5-1 cells.
Molecular Mass	45KDa (monomer)
AA Sequence	Met1-Ser178
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="">
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution Reconstitute at 100µg/ml in sterile PBS.

Warning Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name [IL10 interleukin 10 \[Mus musculus \]](#)

Official Symbol IL10

Synonyms IL10; interleukin 10; interleukin-10; cytokine synthesis inhibitory factor; CSIF; IL-10;

Gene ID [16153](#)

mRNA Refseq [NM_010548](#)

Protein Refseq [NP_034678](#)

Pathway African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Asthma, organism-specific biosystem;

Function cytokine activity; cytokine activity; interleukin-10 receptor binding;

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