

# Active Recombinant Mouse IL10, MIgG2a Fc-tagged, mutant

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

## SPECIFICATION

|                         |                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | 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. |
| <b>Species</b>          | Mouse                                                                                                                                                          |
| <b>Source</b>           | CHO                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-178 a.a.                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from 0.2µm-filtered solution in PBS.                                                                                                               |
| <b>Bio-activity</b>     | 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. |
| <b>Molecular Mass</b>   | 45KDa (monomer)                                                                                                                                                |
| <b>AA Sequence</b>      | Met1-Ser178                                                                                                                                                    |
| <b>Endotoxin</b>        | <0.06 eu/µg="" as="" determined="" by="" la="">                                                                                                                |
| <b>Purity</b>           | >98%, by SDS-PAGE under reducing conditions.                                                                                                                   |
| <b>Stability</b>        | 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](mailto: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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