

# Active Recombinant Mouse IL2, MlgG2a Fc-tagged

**Cat. No.** IL2-333M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | The extracellular domain of mouse IL-2 (NP_032392.1)(Ala21-Gln169) is fused to the N-terminus of the Fc portion of mouse IgG2a was expressed in CHO cell. |
| <b>Species</b>          | Mouse                                                                                                                                                     |
| <b>Source</b>           | CHO                                                                                                                                                       |
| <b>ProteinLength</b>    | 21-169 a.a.                                                                                                                                               |
| <b>Form</b>             | Lyophilized from 0.2µm-filtered solution in PBS.                                                                                                          |
| <b>Bio-activity</b>     | Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells.                                                                              |
| <b>Molecular Mass</b>   | 46 KDa (monomer)                                                                                                                                          |
| <b>AA Sequence</b>      | Ala21-Gln169                                                                                                                                              |
| <b>Endotoxin</b>        | <0.06 eu/µg="" as="" determined="" by="" la="" test="">                                                                                                   |
| <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.                       |
| <b>Reconstitution</b>   | Reconstitute at 100µg/ml in sterile PBS.                                                                                                                  |

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**Warning** Avoid freeze/thaw cycles.

## GENE INFORMATION

**Gene Name** IL2 interleukin 2 [ *Mus musculus* ]

**Official Symbol** IL2

**Synonyms** IL2; interleukin 2; interleukin-2; TCGF; T-cell growth factor; IL-2;

**Gene ID** 16183

**mRNA Refseq** NM\_008366

**Protein Refseq** NP\_032392

**Pathway** Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem;

**Function** carbohydrate binding; cytokine activity; cytokine activity; cytokine activity; glycosphingolipid binding; growth factor activity; interleukin-2 receptor binding; interleukin-2 receptor binding; kappa-type opioid receptor binding;

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