

## Active Recombinant Mouse IL2, MIgG2a 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="" lal="" 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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