

Active Recombinant Mouse IL2, MlgG2a Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	21-169 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells.
Molecular Mass	46 KDa (monomer)
AA Sequence	Ala21-Gln169
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="" test="">
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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 45-1 Ramsey Road, Shirley, NY 11967, USA

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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