

Recombinant Mouse Il2 Protein, MYC/DDK-tagged

Cat. No. Il2-107M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse interleukin 2 (Il2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.
Molecular Mass	19.9 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Il2 interleukin 2 [Mus musculus (house mouse)]
Official Symbol	Il2
Synonyms	Il2; interleukin 2; Il-2; interleukin-2; T-cell growth factor; TCGF
Gene ID	16183
mRNA Refseq	NM_008366
Protein Refseq	NP_032392
UniProt ID	P04351

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