

Recombinant Rabbit IL2 Protein

Cat. No. IL2-02R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The Rabbit IL-2 recombinant protein without tag was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Rabbit
Source	Yeast
Description	Interleukin-2 (IL-2) is a cytokine produced by T-helper cells in response to antigenic or mitogenic stimulation. It is required for T-cell proliferation and other activities crucial to the regulation of the immune response. IL-2 was discovered to be a member of a family of cytokines, which also includes IL-4, IL-7, IL-9, IL-15 and IL-21. IL-2 signals through a receptor complex consisting of IL-2 specific IL-2 receptor alpha (CD25), IL-2 receptor beta (CD122) and a common gamma chain (γc). All members of this family use the common gamma chain as part of their signaling complex.
Molecular Mass	15.1 kDa
AA Sequence	APTSSSTKETQEQLDQLLLDLQVLLKGVNDYKNSKLSRMLTFKFYMPKKVTELKHLQ CLEEELKPLEEVLNLAQGKNSHGGNTRESISININVTVLKLGSETFMCEYDETVTIVE FLNRWITFCQSIISASSS(133)
Applications	The Rabbit IL-2 endotoxin-free recombinant protein can be used in cell culture, as an IL-2 ELISA Standard, and as a Western Blot Control.

GENE INFORMATION

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Gene Name	IL2 interleukin 2 [Oryctolagus cuniculus]
Official Symbol	IL2
Synonyms	IL2; interleukin 2; interleukin-2; T-cell growth factor; TCGF
Gene ID	100302458
mRNA Refseq	NM_001163180
Protein Refseq	NP_001156652
UniProt ID	O77620

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