

## Recombinant Rabbit IL2 Protein

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Rabbit
<b>Source</b>	Yeast
<b>Description</b>	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 ( $\gamma$ c). All members of this family use the common gamma chain as part of their signaling complex.
<b>Molecular Mass</b>	15.1 kDa
<b>AA Sequence</b>	APTSSSTKETQEQLDQLLLDLQVLLKGVNDYKNSKLSRMLTFK FYMPKKVTELKHLQ CLEEELKPLEEVLNLAQGKNSHGGNTRESISININVTVLKLGSETFMCEYDETVTIVE FLNRWITFCQSIISSASSS(133)
<b>Applications</b>	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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<b>Gene Name</b>	IL2 interleukin 2 [ <i>Oryctolagus cuniculus</i> ]
<b>Official Symbol</b>	IL2
<b>Synonyms</b>	IL2; interleukin 2; interleukin-2; T-cell growth factor; TCGF
<b>Gene ID</b>	100302458
<b>mRNA Refseq</b>	NM_001163180
<b>Protein Refseq</b>	NP_001156652
<b>UniProt ID</b>	O77620

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