

# Recombinant Chicken IL2 Protein, Biotinylated Conjugated

Cat. No. IL2-03C Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	The Chicken 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>	Chicken
<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>	14.0 kDa
<b>AA Sequence</b>	ASLSSAKRKPLQTLIKDLEILENIKNKIHLLEYTPPTETQECTQQTLQCYLGEVVTLKKET EDDTEIKEEFVTAIQNIEKNLKSLTGLNHTGSECKICEANNKKKFPDFLHELTFVRYL QK(121)
<b>Applications</b>	The Chicken IL-2 endotoxin-free recombinant protein can be used in cell culture.
<b>Conjugation</b>	Biotin

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## GENE INFORMATION

**Gene Name** IL2 interleukin 15 [ Gallus gallus (chicken) ]

**Official Symbol** IL2

**Synonyms** IL2; interleukin 2; IL-2; interleukin-2

**Gene ID** 373958

**mRNA Refseq** NM\_204153

**Protein Refseq** NP\_989484

**UniProt ID** O42288

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