

Recombinant Chicken IL2 Protein, Biotinylated Conjugated

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

SPECIFICATION

Product Overview	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.
Species	Chicken
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	14.0 kDa
AA Sequence	ASLSSAKRKPLQTLIKDLEILENIKNKIHLELYTPPTETQECTQQTLQCYLGEVVTLLKKET EDDTEIKEEFVTAIQNIEKNLKSLTGLNHTGSECKICEANNKKKFPDFLHELTNMFVRYL QK(121)
Applications	The Chicken IL-2 endotoxin-free recombinant protein can be used in cell culture.
Conjugation	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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