

Recombinant Cynomolgus Monkey IL-2 Protein

Cat. No. IL2-22C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The Cynomolgus Monkey IL-2 recombinant protein without tag was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Cynomolgus
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	The Cynomolgus Monkey IL-2 recombinant protein has a predicted molecular weight of 15.5 kDa.
AA Sequence	APTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMPKKATELRHLQC LEEELKPLEEVLNLAQSKSFHLRDTKDLISNINVIVLELKGSETTLMCEYADETATVEF LNRWITFCQSIISTLT
Applications	The Cynomolgus Monkey IL-2 endotoxin-free recombinant protein can be used in cell culture, as an IL-2 ELISA Standard, and as a Western Blot Control.

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GENE INFORMATION

Synonyms

Aldesleukin; IL 2; IL-2; IL2; Interleukin 2; Interleukin-2; interleukin2; Involved in regulation of T cell clonal expansion; Lymphokine; OTTHUMP00000164090; POIL2; T Cell Growth Factor; T-cell growth factor; TCGF

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