

Recombinant Chicken IL-15

Cat. No. IL15-20C **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Chicken IL-15 was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified. |
| Species | Chicken |
| Source | Yeast |
| Description | Interleukin 15 (IL-15) is a cytokine with structural similarity to IL-2 that is secreted by mononuclear phagocytes (and some other cells) following infection by virus(es). This cytokine induces cell proliferation of natural killer cells; cells of the innate immune system whose principal role is to kill virally infected cells. IL-15 was discovered to be a member of a family of cytokines, which also includes IL-2, IL-4, IL-7, IL-9, and IL-21. The specific receptor for IL-15, IL-15 receptor alpha, appears to regulate IL-15 secretion, stability, and activity. All members of this family use the common gamma chain as part of their signaling complex. IL-15 has been shown to play a role in many diseases, including obesity, influenza, and inflammatory autoimmune diseases. |
| Form | Lyophilized |
| Molecular Mass | 14.5 kDa |
| AA Sequence | NHCKWSDVLK DLELIKTSED IDVSLYTANT YEDIECQEPV MRCFFLEMKV ILHECDIKKC SRKHDVRNIW KNGNARFATY QLNSTTAKKC KECEEYEEKN FTEFIQSFKV VIQRECKKYA N (121) |

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Applications

The chicken IL-15 protein can be used in cell culture, as an IL-15 ELISA Standard, and as a Western Blot Control.

Storage

-20 C

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