

# Recombinant Guinea Pig IL-15

**Cat. No.** IL15-80G    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Guinea Pig IL-15 was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
<b>Description</b>	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.
<b>Source</b>	Yeast
<b>Species</b>	Guinea Pig
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	13.1 kDa
<b>AA Sequence</b>	SWHDVIYDLK RIENLIQSIH IDATLYTESD VHPNCKITAM KCFLLELRVI LHESRNEDIH ETITNLIILA NSSLNSNGNV TESGCKECEE LEEKSIAEFL QSFVHVHVMF INTS (114)
<b>Applications</b>	The Guinea Pig IL-15 protein can be used in cell culture, as an IL-15 ELISA Standard,

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and as a Western Blot Control.

**Storage** -20 C

## GENE INFORMATION

**Gene Name** IL15 interleukin 15 [ *Cavia porcellus* ]


**Official Symbol** IL15

**Synonyms** IL15; interleukin 15; interleukin-15; IL-15;


**Gene ID** 100379533

**mRNA Refseq** NM\_001172829

**Protein Refseq** NP\_001166300

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