

## Active Recombinant Human IL15 protein, His-Avi-tagged, Biotinylated

**Cat. No.** IL15-0176H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human IL15 protein(Asn49-Ser162), fused with His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	49-162 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human IL-15 R alpha, Fc Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human IL-15, His,Avitag with a linear range of 0.2-8 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 16.5 kDa. The protein migrates as 22-27 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Asn49-Ser162
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.

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**Storage** For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Conjugation** Biotin

## GENE INFORMATION

**Gene Name** [IL15 interleukin 15 \[ Homo sapiens \]](#)

**Official Symbol** [IL15](#)

**Synonyms** [IL15](#); [interleukin 15](#); [interleukin-15](#); [IL 15](#); [MGC9721](#); [IL-15](#);

**Gene ID** [3600](#)

**mRNA Refseq** [NM\\_000585](#)

**Protein Refseq** [NP\\_000576](#)

**MIM** [600554](#)

**UniProt ID** [P40933](#)

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