

Active Recombinant Human IL15 protein

Cat. No. IL15-271H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL15(Asn 49 - Ser 162) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asn 49 - Ser 162
Predicted N Terminal	Asn 49
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Mannitol or Trehalose are added as protectants before lyophilization.
Bio-activity	The bio-activity was determined by dose-dependent stimulation of the proliferation of mouse CTLL-2 cells. The ED50 < 0.5 ng/mL, corresponding to a specific activity of >2X10 ⁶ Unit/mg.
Molecular Mass	Has a calculated MW of 12.8 kDa. DTT-reduced Protein migrates as 13 kDa in SDS-PAGE.
Endotoxin	Less than 1.0 EU per µg
Purity	>95% as determined by SDS-PAGE.
Storage	Avoid repeated freeze-thaw cycles.No activity loss was observed after storage at:-20°C

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lyophilized state for 1 year (4oC); After reconstitution under sterile conditions for 3 months (-70oC).

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

Chromosome Location 4q31

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Cytokines and Inflammatory Response, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;

Function cytokine activity; cytokine receptor binding; protein binding;

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