

## Active Recombinant Human IL15, HlgG1 Fc-tagged, mutant

Cat. No. II15-001H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of human IL-15 (NP_751914.1)(Asn49-Ser162) including mutations at Q149D and Q156D is fused to the N-terminus of the Fc region of mutant human IgG1 was expressed in CHO cell.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	49-162 a.a.
<b>Description</b>	IL15 (interleukin 15) is a protein-coding gene, and is affiliated with the lncRNA class. Diseases associated with IL15 include gamma chain deficiency, and rasmussen encephalitis, and among its related super-pathways are MIF Mediated Glucocorticoid Regulation and Regulation of eIF4 and p70S6K. GO annotations related to this gene include cytokine receptor binding and cytokine activity.
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured in a cell proliferation assay.
<b>Molecular Mass</b>	39KDa (monomer)
<b>AA Sequence</b>	Asn49-Ser162 including mutations at Q149D and Q156D
<b>Endotoxin</b>	<0.06 eu/µg="" as="" determined="" by="" lal="" test="">

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<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions.
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100µg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IL15 interleukin 15 [ Homo sapiens ]</a>
<b>Official Symbol</b>	IL15
<b>Synonyms</b>	IL15; interleukin 15; interleukin-15; IL 15; MGC9721; IL-15;
<b>Gene ID</b>	<a href="#">3600</a>
<b>mRNA Refseq</b>	<a href="#">NM_000585</a>
<b>Protein Refseq</b>	<a href="#">NP_000576</a>
<b>MIM</b>	<a href="#">600554</a>
<b>UniProt ID</b>	<a href="#">P40933</a>
<b>Chromosome Location</b>	4q31
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Cytokines and Inflammatory

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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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