Active Recombinant Human IL15 Protein, Animal Free

Cat. No. IL15-26H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL15 Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	Interleukin-15 (IL-15) is a T-cells growth factor, together with G-CSF, GM-CSF, IL-2, IL-4, IL-7, and IL-9, IL-15 belongs to the four α-helix bundle family of cytokine. IL-15 stimulates cell proliferation and activation of natural killer (NK) cells and T cells. CD8+ memory T cell number is controlled by a balance between IL-15 and IL-2. It plays an important role in both innate and adaptive immunity system.
Bio-activity	The activity was measured by its ability to stimulate the proliferation of CTLL-2 cells cells.
Molecular Mass	14-15 kDa
Endotoxin	<0.5 EU/ μg
Purity	High Purity, >95% by SDS-PAGE
Stability	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80

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	centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS without carrier protein
Reconstitution	Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

GENE INFORMATION

Gene Name	IL15 interleukin 15 [Homo sapiens (human)]
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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