

Active Recombinant Human IL15 protein

Cat. No. IL15-25H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL15 protein(P40933-1)(Asn49-Ser162) is expressed from E.coli without tag.
Species	Human
Source	E.coli
ProteinLength	49-162 aa
Form	Lyophilized from 0.22 µm filtered solution in 20 mM Tris, 150 mM NaCl (pH 7.5).
Bio-activity	Measured in a cell proliferation assay using CTLL-2 cells. The ED50 for this effect is 0.1 - 0.3 ng/mL. The specific activity of recombinant human IL-15 is $> 1 \times 10^7$ units/mg, which is calibrated against the human IL-15 reference standard (NIBSC code: 95/554).
Molecular Mass	The protein has a predicted MW of 12.8 kDa same as Bis-Tris PAGE result.
Endotoxin	≤ 0.01 EU per µg by the LAL method.
Purity	$\geq 95\%$ as determined by SEC-HPLC.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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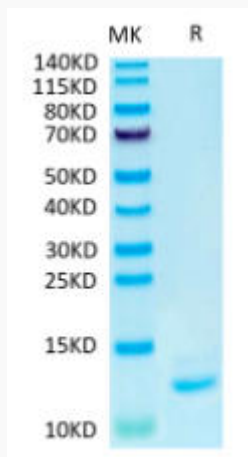
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Reconstitution Dissolve the lyophilized protein in distilled water.

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

Bis-Tris PAGE

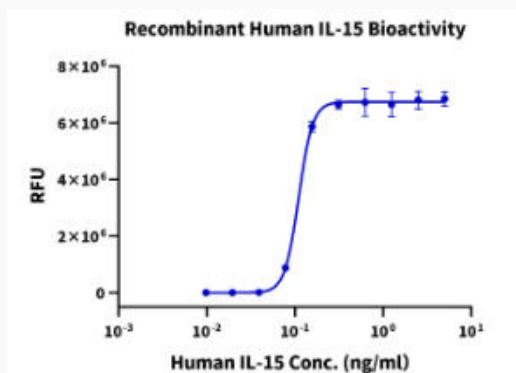


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Cell Based Assay



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