Active GMP Recombinant Human IL15 protein

Cat. No. IL15-4329HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP 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 NACI (pH 7.5). Normally 8% mannitol is added as protectant before lyophilization.
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 GMP Human IL-15 is > 1 × 10^7 IU/mg, which is calibrated against the human IL-15 WHO 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	Less than 0.05 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	The product is shipped with ice bag. Store it immediately at -20°C±5°C upon arrival. -20°C±5°C for 36 months in lyophilized state. Recommend to aliquot the protein into

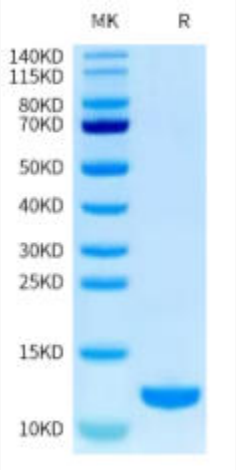
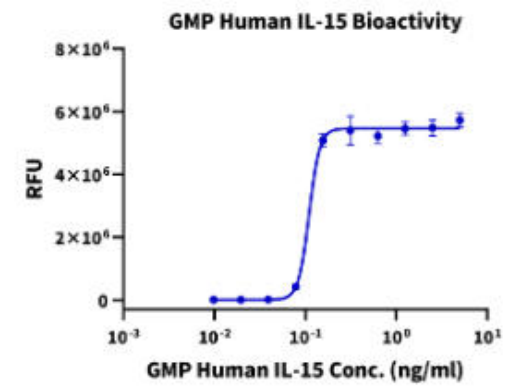
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45-1 Ramsey Road, Shirley, NY 11967, USA

	smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
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

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Bis-Tris PAGE	
Cell Based Assay	

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