

Active GMP Recombinant Human IL7 protein

Cat. No. IL7-572H Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Active Recombinant Human IL7 protein(P13232)(Asp26-His177) is expressed from E.coli without tag.
Species	Human
Source	E.coli
ProteinLength	26-177 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Measured in a cell proliferation assay using PHA-activated human peripheral blood mononuclear cell (PBMC). The specific activity of GMP Human IL-7 is $> 1 \times 10^8$ IU/mg, which is calibrated against the human IL-7 WHO reference standard (NIBSC code: 90/530).
Molecular Mass	The protein has a predicted MW of 17.5 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	The product is shipped with ice bag. Store it immediately at $-20^{\circ}\text{C} \pm 5^{\circ}\text{C}$ upon arrival. $-20^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 36 months in lyophilized state. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

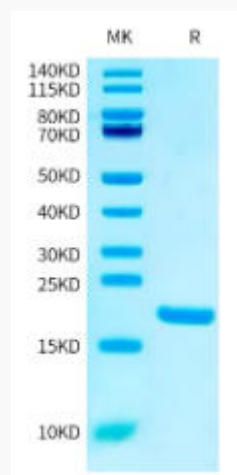
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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	IL7 interleukin 7 [Homo sapiens]
Official Symbol	IL7
Synonyms	IL7; interleukin 7; interleukin-7; IL 7; IL-7;
Gene ID	3574
mRNA Refseq	NM_000880
Protein Refseq	NP_000871
MIM	146660
UniProt ID	P13232

Bis-Tris PAGE

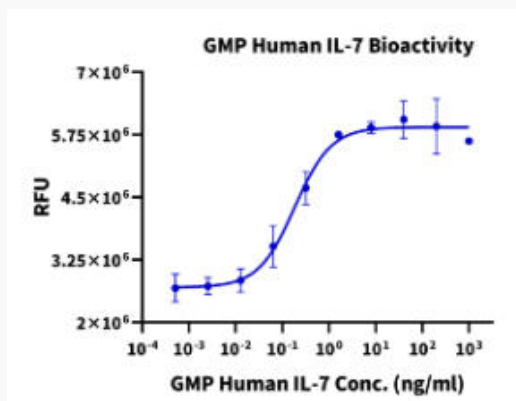


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Cell Based Assay



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