

Active Recombinant Human IL7 protein, Low Endotoxin

Cat. No. IL7-032E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL7 protein(P13232)(Asp26-His177) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	26-177 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 8.0). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-7 at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human IL-7R alpha, hFc Tag with the EC50 of 42.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 17.5 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 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.
Reconstitution	Dissolve the lyophilized protein in distilled water.

 Tel: 1-631-559-9269 1-516-512-3133

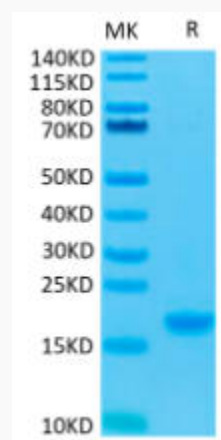
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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

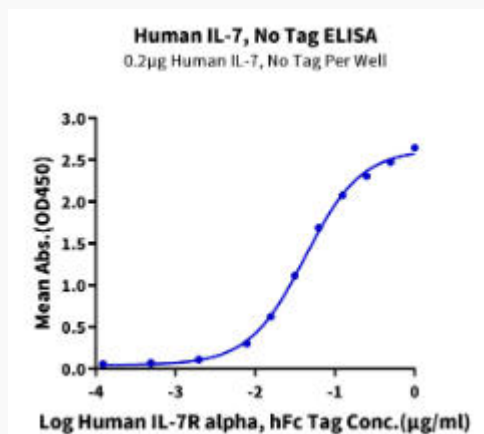


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ELISA Data



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