

Recombinant Human IL7 protein

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	Asp26-His177
Tag	Non
Form	Lyophilized from 0.22µm filtered solution in 25mM PB, 250mM NaCl (pH 6.8). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-7 at 2ug/ml (100ul/Well) on the plate. Dose response curve for Human IL-7R alpha, hFc Tag with the EC50 of 16.2ng/ml determined by ELISA (QC tested).
Molecular Mass	The protein has a predicted MW of 17.5 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in 25mM PB, 250mM NaCl (pH 6.8).

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

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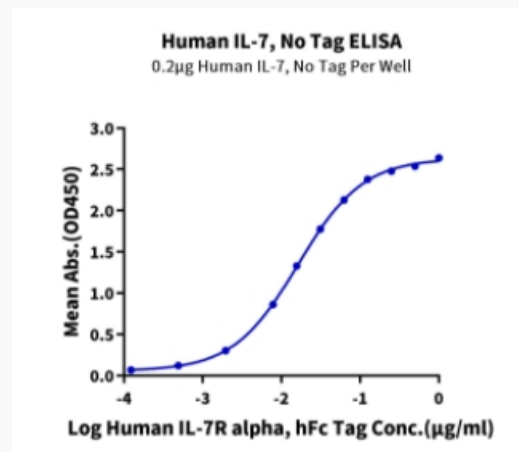
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Tris-Bis PAGE



ELISA Data



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