

## Recombinant Human IL21 protein

Cat. No. IL21-866H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL21 protein(Q9HBE4-1)(Gln32-Ser162) was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln32-Ser162
<b>Tag</b>	Non
<b>Form</b>	Lyophilized from 0.22µm filtered solution in 20mM NaAc, 150mM NaCl (pH 5.5). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human IL-21, No Tag at 2ug/ml (100ul/well) on the plate. Dose response curve for Human IL-21R, hFc Tag with the EC50 of 42.3ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 15.4 kDa same as Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
<b>Storage</b>	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 20mM NaAc, 150mM NaCl (pH 5.5).

**GENE INFORMATION**

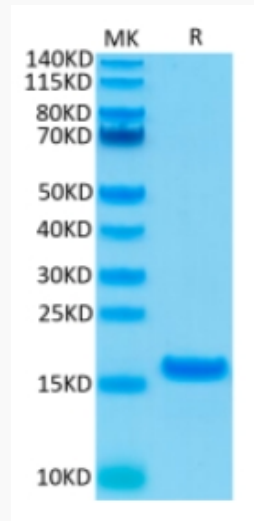
<b>Gene Name</b>	IL21 interleukin 21 [ Homo sapiens ]
<b>Official Symbol</b>	IL21
<b>Synonyms</b>	IL21; interleukin 21; interleukin-21; IL 21; Za11; interleukin-21 isoform; IL-21;
<b>Gene ID</b>	59067
<b>mRNA Refseq</b>	NM_001207006
<b>Protein Refseq</b>	NP_001193935
<b>MIM</b>	605384
<b>UniProt ID</b>	Q9HBE4

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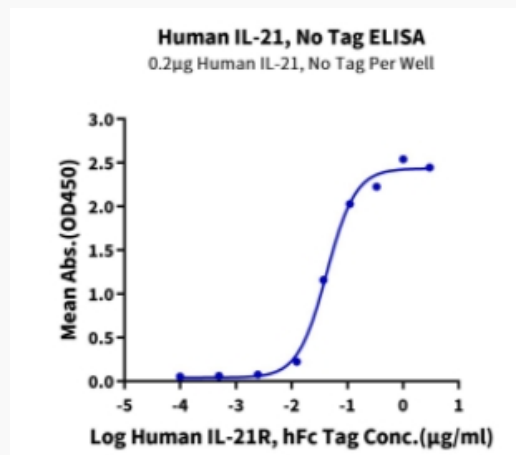
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Tris-Bis PAGE



ELISA Data



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