

Recombinant Human IL21 protein

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

SPECIFICATION

Product Overview	Recombinant Human IL21 protein(Q9HBE4-1)(Gln32-Ser162) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Gln32-Ser162
Tag	Non
Form	Lyophilized from 0.22µm filtered solution in 20mM NaAc, 150mM NaCl (pH 5.5). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	The protein has a predicted MW of 15.4 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 20mM NaAc, 150mM NaCl (pH 5.5).

GENE INFORMATION

Gene Name IL21 interleukin 21 [Homo sapiens]

Official Symbol IL21

Synonyms IL21; interleukin 21; interleukin-21; IL 21; Za11; interleukin-21 isoform; IL-21;

Gene ID 59067

mRNA Refseq NM_001207006

Protein Refseq NP_001193935

MIM 605384

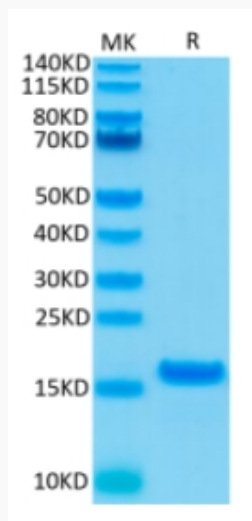
UniProt ID Q9HBE4

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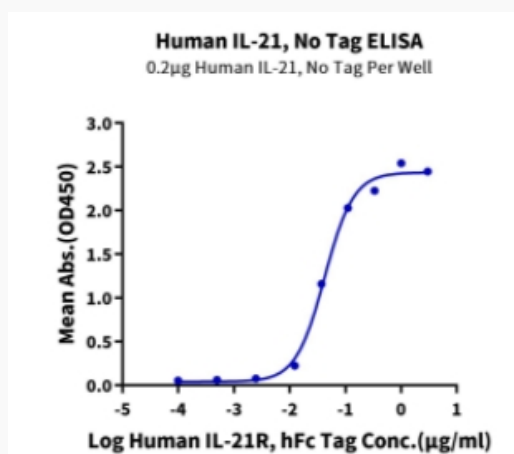
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Tris-Bis PAGE



ELISA Data



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