

## Active Recombinant Human IL21 protein, Fc-tagged

Cat. No. IL21-1584H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL21 protein(Gln30-Ser162), fused with Fc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	30-162 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH7.5.
<b>Bio-activity</b>	Immobilized Human IL-21 R, His Tag at 2 µg/mL (100 µL/well) can bind Human IL-21, Fc Tag with a linear range of 0.2-8 ng/mL.
<b>Molecular Mass</b>	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 41.9 kDa. The protein migrates as 45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Gln30-Ser162
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Storage**

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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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