

## Active Recombinant Human IL21 protein, Fc-Avi-tagged, Biotinylated

**Cat. No.** IL21-1585H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human IL21 protein(Gln30-Ser162), fused with Avi and 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, 25 mM Arginine, 150 mM NaCl, pH7.5.
<b>Bio-activity</b>	Immobilized Human IL-21 R, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-21, Fc,Avitag with a linear range of 0.2-6 ng/mL.
<b>Molecular Mass</b>	This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 43.6 kDa. The protein migrates as 50-55 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.

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**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.

**Conjugation** Biotin

## 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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