

Recombinant Human IL21r protein, hFc-tagged

Cat. No. IL21r-1627H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL21r protein(NP_068570.1)(Cys20-Pro236), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Cys20-Pro236
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-21, No Tag at 1µg/ml (100µl/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 51.8 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on 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

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defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [IL21R interleukin 21 receptor \[Homo sapiens \]](#)

Official Symbol [IL21r](#)

Synonyms IL21R; interleukin 21 receptor; interleukin-21 receptor; CD360; IL-21R; IL-21 receptor; novel interleukin receptor; NILR; MGC10967;

Gene ID [50615](#)

mRNA Refseq [NM_021798](#)

Protein Refseq [NP_068570](#)

MIM [605383](#)

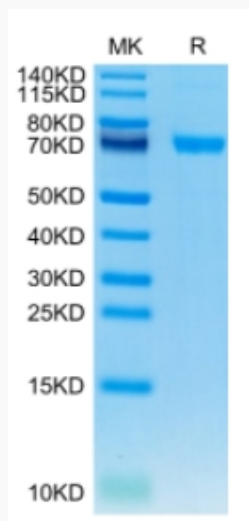
UniProt ID [Q9HBE5](#)

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Tris-Bis PAGE



ELISA Data

