

Active Recombinant Human IL21R&IL2RG protein, Fc-tagged

Cat. No. IL21R&IL2RG-1565H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL21R&IL2RG protein(Cys20-Pro236(IL-21R)&Leu23-Asn254(IL-2Rgamma)), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-236;23-254 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human IL-21, Tag Free at 5 µg/mL (100 µL/well) can bind Human IL-21 R & IL-2 R gamma Heterodimer Protein, Fc Tag&Fc Tag with a linear range of 5-78 ng/mL.
Molecular Mass	The protein has a calculated MW of 51.5 kDa (IL-21 R) & 53.6 kDa (IL-2 R gamma). The protein migrates as 65 kDa and 70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Cys20-Pro236(IL-21R)&Leu23-Asn254(IL-2Rgamma)
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>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.

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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