

Recombinant Human IL21R protein, His-tagged

Cat. No. IL21R-3905H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL21R protein(Q9HBE5-1)(Met 1-Pro 236) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-236 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its ability to bind human IL-21 in a functional ELISA. 2. Measured by its ability to inhibit IL21 induced Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is typically 1-5 ng/ml in the presence of 10 ng/ml of recombinant human IL21. 3. Measured by its ability to inhibit IL21 induced Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is typically 50-200 pg/mL in the presence of 1 ng/ml of recombinant human IL21.
Molecular Mass	The recombinant human IL21R consists of 228 amino acids and predicts a molecular mass of 26.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh IL21R is approximately 42-46 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.

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Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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.

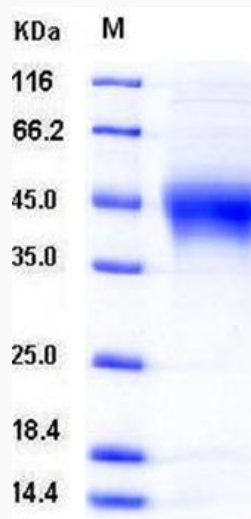
GENE INFORMATION

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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SDS-PAGE

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