Recombinant Human IL21R protein, His-tagged

Cat. No. IL21R-4795H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL21R protein(Q9HBE5)(Cys20-Glu232), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	C-His
ProteinLength	Cys20-Glu232
Tag	C-His
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-21 at 2μg/ml (100μl/well) on the plate. Dose response curve for Human IL-21R, His Tag with the EC50 of 34.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 25.65 kDa. Due to glycosylation, the protein migrates to 43-50 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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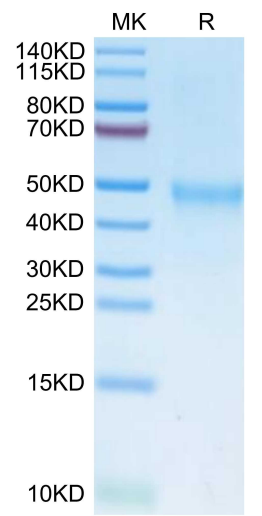
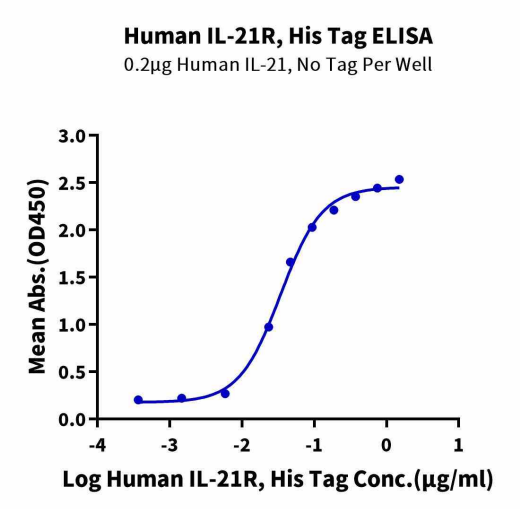
Tris-Bis PAGE	
ELISA	

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