

## Active Recombinant Rat IL21R protein, mFc-tagged

**Cat. No.** IL21R-944R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat IL21R protein(Q5EBB1)(Met1-Pro236), fused with mFc tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Pro236
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Immobilized Recombinant Rat IL-21 Protein(Cat:80200-RNAE) at 2µg/mL (100µL/well) can bind Recombinant Rat IL-21R / IL21R Protein (Fc Tag)(Cat:80189-R05H), the EC50 is 50-200 ng/mL.
<b>Molecular Mass</b>	The recombinant rat IL21R comprises 451 amino acids and has a predicted molecular mass of 51.4 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE

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**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C  
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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 [ *Rattus norvegicus* ]

**Official Symbol** IL21R

**Synonyms** IL21R; interleukin 21 receptor; interleukin-21 receptor; MGC108921;

**Gene ID** 308977

**mRNA Refseq** NM\_001012469

**Protein Refseq** NP\_001012487

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