

Active Recombinant Rat IL21R protein, mFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat IL21R protein(Q5EBB1)(Met1-Pro236), fused with mFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Pro236
Form	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.
Bio-activity	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.
Molecular Mass	The recombinant rat IL21R comprises 451 amino acids and has a predicted molecular mass of 51.4 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 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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