

## Active Recombinant Mouse Il21r protein, His-Avi-tagged, Biotinylated

**Cat. No.** Il21r-1625M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Mouse Il21r protein(Cys20-Pro236), fused with His and Avi tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	20-236 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	Immobilized Human IL-21, Fc Tag at 5 µg/mL (100 µL/well) can bind Mouse IL-21 R Protein, His,Avitag with a linear range of 1-39 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). The protein has a calculated MW of 28.5 kDa. The protein migrates as 40-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Cys20-Pro236
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% 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.

**Conjugation** Biotin

## GENE INFORMATION

**Gene Name** [IL21r interleukin 21 receptor \[ Mus musculus \]](#)

**Official Symbol** [IL21r](#)

**Synonyms** IL21R; interleukin 21 receptor; interleukin-21 receptor; NR8; IL-21R; LR-beta; IL-21 receptor; lymphocyte receptor beta; novel cytokine receptor 8; novel interleukin receptor; NILR;

**Gene ID** [60504](#)

**mRNA Refseq** [NM\\_021887](#)

**Protein Refseq** [NP\\_068687](#)

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