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

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

## SPECIFICATION

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| **Product Overview** | Biotinylated Recombinant Mouse Il21r protein(Cys20-Pro236), fused with His and Avi tag, was expressed in HEK293. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **ProteinLength** | 20-236 a.a. |
| **Form** | Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant. |
| **Bio-activity** | 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. |
| **Molecular Mass** | 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. |
| **Proteinlength** | Cys20-Pro236 |
| **Endotoxin** | Less than 1.0 EU per μg by the LAL method. |
| **Purity** | >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

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| **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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