

Active Recombinant Mouse IL21r protein, His-Avi-tagged, Biotinylated

Cat. No. IL21r-1625M **Lot. No.** (See product label)

SPECIFICATION

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,Avi tag 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	
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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