

Recombinant Mouse Il21r protein(Met1-Pro236), hFc-tagged

Cat. No. Il21r-448M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il21r (AAL82636.1) (Met1-Pro236) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Pro236
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to inhibit mouse IL-21-induced Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is typically 0.2-1.5 µg/mL in the presence of 50 ng/mL of recombinant mouse IL-21.
Molecular Mass	The recombinant mouse Il21r consists 455 amino acids and predicts a molecular mass of 51.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE. >90% as determined by SEC-HPLC.
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

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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 \[Mus musculus \]](#)

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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