

Active Recombinant Mouse IL21r protein, His-tagged, Low Endotoxin

Cat. No. IL21r-10582M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL21r protein(Q9JHX3)(20-237 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	20-237 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse IL-21R, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Mouse IL-21, His Avi Tag with the EC50 of 4.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 26.64 kDa. Due to glycosylation, the protein migrates to 38-52 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name IL21r interleukin 21 receptor [*Mus musculus*]

Official Symbol IL21r

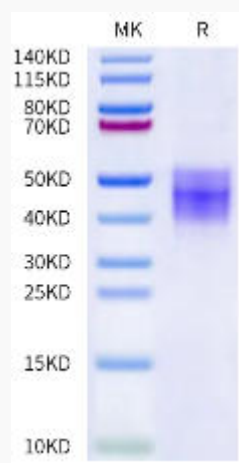
Synonyms IL21R; interleukin 21 receptor; interleukin-21 receptor; NR8; IL-21R; LR-beta; IL-21 receptor; lymphocyte receptor beta; novel cytokine receptor 8; novel interleukin receptor; NILR;

Gene ID 60504

mRNA Refseq NM_021887

Protein Refseq NP_068687

Bis-Tris PAGE

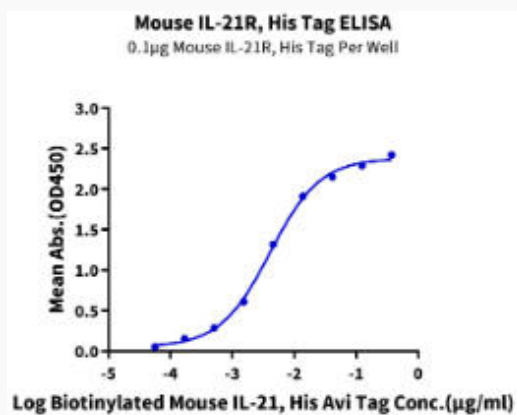


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ELISA Data



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