

Active Recombinant Mouse IL21 protein

Cat. No. IL21-844M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL21 protein(Q9ES17)(Pro25-Ser146) was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Pro25-Ser146
Form	Lyophilized from sterile PBS, pH 7.5 Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is typically 4-20 ng/ml.
Molecular Mass	The recombinant mouse IL21 consists of 123 amino acids and has a calculated molecular mass of 14.3KDa. It migrates as a 15 kDa band in SDS-PAGE under reducing conditions.
Purity	> 97 % as determined by SDS-PAGE
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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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 IL21 interleukin 21 [*Mus musculus*]

Official Symbol IL21

Synonyms IL21; interleukin 21; interleukin-21; IL-21;

Gene ID 60505

mRNA Refseq NM_021782

Protein Refseq NP_068554

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