

Active Recombinant Canine IL21 protein

Cat. No. IL21-630C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine IL21 protein(Q6L7I9)(His18-Ser146) was expressed in E. coli.
Species	Canine
Source	E.coli
ProteinLength	His18-Ser146
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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 0.4-2 ng/ml.
Molecular Mass	The recombinant canine IL21 consists of 130 amino acids and has a calculated molecular mass of 15 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 15KDa band as predicted.
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.

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