

Mouse IL 21 Recombinant Protein



RPPB0634

Product Information Protein Information

Product SKU:

RPPB0634

Accession:

Q9ES17

Host:

Escherichia Coli.

Protein description:

Interleukin-21 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 130 amino acids and having a total molecular mass of 15kDa. The Murine IL-21 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Interleukin-21, IL-21, IL21.

Formulation:

Mouse IL-21 was lyophilized from 20mM NaHCO₃, pH 8.5.

Purity:

Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Mouse IL21 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Mouse IL-21 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Mouse IL21 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Amino Acid Sequence:

The sequence of the first five N-terminal amino acids was determined and was found to be Met-His-Lys-Ser-Ser.

Biological Activity:

The ED₅₀=10 -50 ng/ml, determined by the cell proliferation assay of modified Ba/F3 cells.