

Rat IL 21 Recombinant Protein



RPPB0635

Product Information Protein Information

Product SKU:

RPPB0635

Accession:

A3QPB9

Host:

Escherichia Coli.

Protein description:

Interleukin-21 Rat Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 129 amino acids and having a total molecular mass of 15.2kDa. The Rat IL-21 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Interleukin-21, IL-21, IL21.

Formulation:

Rat IL-21 was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

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 Rat IL21 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Rat IL-21 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Rat 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:

HKSSPQRPDH LLIRLRHLMD IVEQLKIYEN DLDPELLTAP QDVKGQCEHE AFACFQKAKL KPSNTGNNKT
FINDLLAQLR RRLPAKRTGN KQRHMAKCPS CDLYEKKTPK EFLERLKWLL QKMIHQHLS.

Biological Activity:

The biological activity is measured by its ability to proliferate activated B cells.