

# Human IL 21 Recombinant Protein



RPPB0632

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## Product Information    Protein Information

**Product SKU:**

RPPB0632

**Accession:**

Q9HBE4

**Host:**

Escherichia Coli.

**Protein description:**

IL21 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 132 amino acids and having a total molecular mass of 15.4kDa. The IL-21 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Za11, IL-21.

**Formulation:**

Lyophilized from PBS, pH 7.4.

**Purity:**

Greater than 97.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Interleukin -21 in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

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

MQDRHMIRMRLQLDIVDQLK NYVNDLVPEF LPAPEDVETN CEWSAFSCFQ KAQLKSANTG NNERIINVSI  
KCLKRKPST NAGRRQKHLR TCPSCDSYEK KPPKEFLERF KSLQKMIHQ HLSSRTHGSE DS.

**Biological Activity:**

Measured by its ability to proliferate activated B cells.