

# Human IL 22 Recombinant Protein



RPPB0637

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## Product Information    Protein Information

**Product SKU:**

RPPB0637

**Accession:**

Q9GZX6

**Host:**

Escherichia Coli.

**Protein description:**

Interleukin-22 Human Recombinant produced in E.Coli is a single, non-glycosylated homodimeric polypeptide chain containing 2 x 146 amino acids and having a total molecular mass of 33,607 Dalton. The IL-22 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

IL-TIF, TIFa, IL-10-related T-cell-derived-inducible factor, IL-22, ILTIF, IL-D110, zcyto18, MGC79382, MGC79384, TIFIL-23.

**Formulation:**

Each mg contains 50mM Phosphate buffer pH=7.1.

**Purity:**

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Interleukin -22 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-22 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL22 should be stored at 4°C between 2-7 days and for future use below -18°C. 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-Ala-Pro-Ile-Ser.

**Biological Activity:**

The Biological Activity was determined by the ability to activate STAT following receptor ligand interaction.