

# Mouse IL 22 Recombinant Protein



RPPB0639

---

## Product Information   Protein Information

**Product SKU:**

RPPB0639

**Accession:**

Q9JJY9

**Host:**

Escherichia Coli.

**Protein description:**

Interleukin-22 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 147 amino acids and having a molecular mass of 16.7 kDa. The Murine 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:**

Lyophilized from 1X PBS.

**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 18MQ-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-Leu-Pro-Val-Asn.

**Biological Activity:**

The ED<sub>50</sub> as determined by its ability to induce IL-10 secretion in Colo205 cells is less than 0.5ng/ml, corresponding to a Specific Activity of 2,000,000IU/mg.