

# Rat IL 13 Recombinant Protein



RPPB0578

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## Product Information    Protein Information

**Product SKU:**

RPPB0578

**Accession:**

P42203

**Host:**

Escherichia Coli.

**Protein description:**

Interleukin-13 Rat Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 113 amino acids and having a molecular mass of 12.7 kDa. The IL-13 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

NC300, ALRH, BHR1, P600, IL-13.

**Formulation:**

The protein (1mg/ml) was lyophilized with no additives.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Interleukin 13 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-13 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL13 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.

**Biological Activity:**

ED50 range = 2-6 ng/mL as determined by the dose dependent proliferation of human TF-1 cells. Optimal concentration for individual application should be determined by a dose response assay.