

# Rat IL 10 Recombinant Protein



RPPB0556

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## Product Information    Protein Information

**Product SKU:**

RPPB0556

**Accession:**

P29456

**Host:**

Escherichia Coli.

**Protein description:**

IL-10 Recombinant Rat produced in E.coli is a single, glycosylated polypeptide chain containing 160 amino acids and having a molecular mass of 18.6 kDa. The Interleukin-10 Mouse is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

B-TCGF, CSIF, TGIF, IL-10, IL10A, MGC126450, MGC126451, Cytokine synthesis inhibitory factor.

**Formulation:**

The protein was lyophilized containing 20mM Tris-HCl pH-8.0 and 100mM NaCl.

**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 IL-10 Rat Recombinant in sterile 18MΩ-cm H<sub>2</sub>O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized IL-10 Rat although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Interleukin10 Rat recombinant 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:**

SKGHSIRGDN NCTHFPVSQT HMLRELRAAF SQVKTFQKK DQLDNILLTD SLLQDFKGYL GCQALSEMIK  
FYLVEVMPQA ENHGPEIKEH LNSLGEKLT LWIQLRRCHR FLPCENKSKA VEQVKNDFNK LQDKGVYKAM  
NEFDIFINCI EAYVTLKMKN.

**Biological Activity:**

The ED50 as determined by the dose dependent inhibition of MC/9 proliferation is less than 10ng/ml concentration corresponding to a Specific Activity of 100,000IU/mg.