

# Human IL-10 Recombinant Protein



RPPB0554

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## Product Information    Protein Information

**Product SKU:**

RPPB0554

**Accession:**

P22301

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

IL-10 Human produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 166 amino acids (19-178 aa) and having a molecular mass of 19.4kDa. IL-10 is fused to a 6 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Interleukin-10, IL-10, Cytokine synthesis inhibitory factor, CSIF, IL10, GVHDS, IL10A, TGIF, T-Cell Growth Inhibitory Factor.

**Formulation:**

The IL-10 solution (0.5mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

SPGQGTQSEN SCTHFPGNLP NMLRDLRDAF SRVKTFQMK DQLDNLLLKE SLEDFKGYL GCQALSEMIQ  
FYLEEVMPPQA ENQDPDIKAH VNSLGENLKT LRLRLRRCHR FLPCENKSKA VEQVKNAFNK LQEKGIYKAM  
SEFDIFINYI EAYMTMKIRN HHHHHH.

**Biological Activity:**

Measured in a cell proliferation assay using MC/9 mouse mast cells. The ED50 range < 5 ng/ml.