

Mouse IL 10 Recombinant Protein



RPPB0555

Product Information Protein Information

Product SKU:

RPPB0555

Accession:

P18893

Host:

Escherichia Coli.

Protein description:

IL-10 Recombinant Mouse produced in E.coli is a single, non-glycosylated polypeptide chain containing 161 amino acids and having a molecular mass of 18785 Dalton. 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 after extensive dialysis against PBS.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized IL-10 Mouse Recombinant in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

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

The sequence of the first five N-terminal amino acids was determined and was found to be Met-Ser-Arg-Gly-Gln.

Biological Activity:

The ED50 as determined by the dose-dependant co-stimulation with IL-4 of mouse MC-9 cells was found to be < 2ng/ml, corresponding to a Specific Activity of 500,000IU/mg.