

Human IL-10 Recombinant Protein, eBioscience™

Product Details

Size	10 µg
Species	Human
Expression system	E. coli
Molecular weight	18.6 kDa
Class	Recombinant
Type	Protein
Purity	>95% by SDS-PAGE and HPLC analyses
Conjugate	Unconjugated
Form	Lyophilized
Purification	Affinity chromatography
Contains	no preservative
Storage conditions	-20°C

Applications

Control (Ctrl)

Tested Dilution

Assay-Dependent

Publications

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Product Specific Information

Description: Interleukin-10, originally known as Cytokine Synthesis Inhibitory Factor (CSIF), is an 18.6 kDa protein of 160 amino acid residues that shares over 80% sequence homology with the Epstein-Barr Virus protein BCRF1. The reported biological activities of IL-10, which maybe interrelated, include inhibition of macrophage-mediated cytokine synthesis, suppression of the delayed-type hyper-sensitivity response, and stimulation of the Th2 cell response which results in elevated antibody production.

Source: Interleukin-10 is produced in E. coli.

Purity: Greater than 95% by SDS-PAGE and HPLC analyses.

Reconstitution: We recommend a quick spin followed by reconstitution in sterile distilled water to a concentration not less than 100µg/mL. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use. For most in vitro applications, IL-10 exerts its biological activity in the concentration range of 0.2 to 20.0 ng/mL.

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