



California Bioscience

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Product Datasheet

Product Name	Interleukin-10 Human Recombinant, His
Cata No	CB500388
Source	<i>Escherichia Coli.</i>
Synonyms	B-TCGF, CSIF, TGIF, IL-10, IL10A, MGC126450, MGC126451, Cytokine synthesis inhibitory factor.

Description

Interleukin-10 is a multifunctional cytokine produced by a variety of cell types including T helper cells activated B cells and activated macrophages. Interleukin-10 regulates immune-mediated inflammation and modulates the function of cells such as lymphocytes, monocytes, natural killer cells and dendritic cells. Interleukin-10 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 181 amino acids fragment (19-178) and having a total molecular mass of 21 kDa with a 20 amino acids N-Terminal hexahistidine tag. The IL-10 His-Tag is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered clear solution.

Purity

Greater than 95.0% by SDS-PAGE

Formulation

Interleukin-10 His is supplied in 20mM Tris HCL pH-8 and 20% glycerol.

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.

Please avoid freeze thaw cycles.

*** For Non-Clinical Research Use Only ***