



## Interleukin-10, His Tag, human recombinant (rHuIL-10-His)

**Catalog No:** 95018  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** B-TCGF, CSIF, TGIF, IL-10, IL10A, MGC126450, MGC126451, Cytokine synthesis inhibitory factor

### Background

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.

### Description

Interleukin-10 human recombinant produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 181 amino acids (19-178) and having a total molecular mass of 20.94 kDa with a 20 amino acids N-terminal His Tag. The IL-10 His Tag protein is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered clear solution.

### Formulation

Interleukin-10 His is supplied in 20 mM 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.

### Purity

Greater than 95.0% by SDS-PAGE.

### Amino Acid Sequence

MGSSHHHHHH SSGLVPRGSH MSPGQGTQSE NSCTHFPGNL PNMLRDLRDA FSRVKTFQK KDQLDNLLLK ESLLDFKGY  
LGCQALSEMI QFYLEEVMPO AENQDPDIKA HVNSLGENLK TLRLRLRRCH RFLPCENKSK AVEQVKNAFN KLQEKGIYKA  
MSEFDIFINY IEAYMTMKIR N

### Usage

**This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.**

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