

---

## Product Data Sheet

---

Product Name: IL 10 Human, His  
 Cat. No.: GP20541  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	B-TCGF; CSIF; TGIF; IL-10; IL10A; MGC126450; MGC126451; Cytokine synthesis inhibitory factor.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSPGQGTQSE NSCTHFPGNL PNMLRDLRDA FSRVKTFQOM KDQLDNLLK ESLEDFKGY LGCQALSEMI QFYLEEVMPQ AENQDPDIKA HVNSLGENLK TLRRLRRCH RFLPCENKSK AVEQVKNAFN KLQEKGIYKA MSEFDIFINY IEAYMTMKIR N.		
Formulation	Interleukin-10 His is supplied in 20mM Tris-HCl pH-8 and 20% glycerol.		

### Introduction

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.

### 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). Please avoid freeze thaw cycles.

### Background

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 20.94kDa with a 20 amino acids N-Terminal His tag. The IL-10 His-Tag protein is purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA