

## Recombinant Human Interleukin-10, T7-tagged

Cat. No. IL10-3025H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL10 protein was expressed in E.coli with T7-tag at the N-terminus. The molecular weight is 43044 Da.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Sequences of amino acids</b>	1-272 aa
<b>Formulation</b>	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN <sub>3</sub> .
<b>Purity</b>	95%

### GENE INFORMATION

<b>Gene Name</b>	IL10 interleukin 10 [ Homo sapiens ]
<b>Synonyms</b>	B-TCGF; CSIF; TGIF; IL-10; IL10A; MGC126450; MGC126451; Cytokine synthesis inhibitory factor; IL10; interleukin 10; cytokine synthesis inhibitory factor

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Gene ID</b>	3586
<b>mRNA Refseq</b>	NM_000572
<b>Protein Refseq</b>	NP_000563
<b>MIM</b>	124092
<b>UniProt ID</b>	P22301
<b>Chromosome Location</b>	1q31-q32
<b>Pathway</b>	Allograft rejection; Asthma; Autoimmune thyroid disease; Cytokine-cytokine receptor interaction; Jak-STAT signaling pathway; Systemic lupus erythematosus; T cell receptor signaling pathway
<b>Function</b>	cytokine activity; protein binding ; interleukin-10 receptor binding; growth factor activity

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