

Recombinant Human Interleukin-10, T7-tagged

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

SPECIFICATION

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

GENE INFORMATION

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

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

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