

## Active GMP Recombinant Human IL10 protein

Cat. No. IL10-4326HG Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Human IL10 protein(NP_000563.1)(166 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	DNA sequence encoding Human IL-10(NP_000563.1) was expressed with His tag at the C-terminal.
<b>Bio-activity</b>	$\geq 5 \times 10^5$ IU/mg
<b>Molecular Mass</b>	Recombinant Human IL-10 contains 166 aa. It has a predicted MW of 19.5 kDa.
<b>Endotoxin</b>	$\leq 0.02$ EU/ug
<b>Purity</b>	$\geq 95\%$ by SDS-PAGE and HPLC
<b>Storage</b>	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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

**GENE INFORMATION**

<b>Gene Name</b>	IL10 interleukin 10 [ Homo sapiens (human) ]
<b>Official Symbol</b>	IL10
<b>Synonyms</b>	IL10; interleukin 10; interleukin-10; CSIF; cytokine synthesis inhibitory factor; IL 10; IL10A; T cell growth inhibitory factor; TGIF; T-cell growth inhibitory factor; GVHDS; IL-10; MGC126450; MGC126451
<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

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