

Active Recombinant Human IL10 Protein, Animal Free

Cat. No. IL10-24H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL10 Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	Interleukin 10 (IL-10) is a member of the IL-10 family of α -helical cytokines. IL-10 is an immunosuppressive cytokine produced by a variety of mammalian cell types including macrophages, monocytes, T cells, B cells and keratinocytes. IL-10 inhibits the expression of a number of proinflammatory cytokines such as IFN-gamma, IL-2, IL-3, TNF and GM-CSF. Like IL-4, IL-10 enhances humoral immune responses and attenuates cell-mediated immune reactions.
Bio-activity	The activity was measured by its ability to stimulate the proliferation of MC/9-2 cells (mouse master cell line).
Molecular Mass	17 kDa
Endotoxin	<0.5 EU/ μ g
Purity	High Purity, >95% by SDS-PAGE
Stability	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

centigrade under sterile conditions after reconstitution. 3 months, -20 to -80 centigrade under sterile conditions after reconstitution.

Storage Buffer Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

Reconstitution Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

GENE INFORMATION

Gene Name IL10 interleukin 10 [Homo sapiens (human)]

Official Symbol IL10

Synonyms 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;

Gene ID 3586

mRNA Refseq NM_000572

Protein Refseq NP_000563

MIM 124092

UniProt ID P22301

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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