Recombinant Human IL10 Protein

Cat. No. IL10-46H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This recombinant protein contains full length of Human interleukin 10 without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.
Form	Affinity purified, liquid
Molecular Mass	21 kDa
Purity	>95% pure by SDS-PAGE
Applications	Suitable for use in ELISA, WB and other immune tests

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Storage	Upon receipt, store at 2-8 centigrade.
Storage Buffer	Phosphate saline, pH 8, and 8 M Urea
Full Length	Full L.

GENE INFORMATION

Gene Name	IL10 interleukin 10 [Homo sapiens (human)]
Official Symbol	IL10
Synonyms	IL10; interleukin 10; CSIF; TGIF; GVHDS; IL-10; IL10A; interleukin-10; T-cell growth inhibitory factor; cytokine synthesis inhibitory factor
Gene ID	3586
mRNA Refseq	NM_000572
Protein Refseq	NP_000563
MIM	124092
UniProt ID	P22301

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