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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL10 (Human) Recombinant Protein

Entrez GeneID: 3586

Catalog Number: P8314

Gene Symbol: IL10

Regulation Status: For research use only (RUO)

Gene Alias: CSIF, IL-10, IL10A, MGC126450, MGC126451, TGIF

Product Description: Human IL10 (P22301, 19 a.a. - 178 a.a.) partial recombinant protein expressed in *Escherichia coli*.

Gene Summary: 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. [provided by RefSeq]

Sequence:

SPGQGTQSENSCTHFPGNLPLNMLRDLRDAFSRVKTF
FQMKDQLDNLKESLLEDFKGYLGQCQALSEMIQFYLE
EVMPQAENQDPDIKAHVNSLGENLKLRLRLRRCHRF
LPCENKSKAVEQVKNAFNKLQEKGIYKAMSEFDIFINYI
EAYMTMKIRN

Host: *Escherichia coli*

Theoretical MW (kDa): 18.6

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purity: > 97% by SDS-PAGE

Activity: The ED₅₀ is < 2.0 ng/mL was determined by the dose-dependent co-stimulation (with murine IL-4) of MC/9 cells, corresponding to a specific activity of 5.0 x 10⁵ IU/mg.

Recommend Usage: Biological Activity
SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from sterile distilled Water
is > 100 ug/mL

Storage Instruction: Store at 2°C to 8°C for 1 week.
For long term storage, aliquot and store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.