



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

IL10 (Human) Recombinant Protein

Catalog Number: P9956

Regulation Status: RUO grade

Product Description: Human IL10 recombinant protein with His tag at the C-terminus expressed in *Escherichia coli*.

Host: *Escherichia coli*

Theoretical MW (kDa): Calculated MW: 19.6

Regulatory Status: RUO grade

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: > 98% by SDS-PAGE

Endotoxin Level: < 0.01 EU/ug

Activity: The ED₅₀ for this effect is < 1 ng/mL, measured by its ability to induce MC/9?2 cells proliferation. The specific activity of recombinant human IL-10 is approximately > 1 x 10⁶ IU/mg.

Recommend Usage: SDS-PAGE

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

Storage Buffer: Lyophilized from PBS, pH 8.0.
Reconstitute the lyophilized protein in sterile H₂O to a concentration of at least 200 ug/mL and incubate the stock solution for at least 20 min to ensure sufficient redissolution. Please use the protein within one month after reconstitution.

Storage Instruction: Store at -20°C for 12 months in lyophilized state.
After reconstitution with deionized water, store at -20 or -80°C for 1 month.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3586

Gene Symbol: IL10

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

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]