



# 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 HandelsgmbH

Quellenstraße 110, A-1100 Wien

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

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

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Datasheet

### IL10 (Human) Recombinant Protein

**Catalog Number:** P8316

**Regulation Status:** For research use only (RUO)

**Product Description:** Human IL10 (P22301, 19 a.a. - 178 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.

**Sequence:**

SPGQGTQSENSCTHFPGNLPLNMLRDLRDAFSRVKTF  
FQMKDQLDNLKESLLEDFKGYLGCQALSEMIQFYLE  
EVMPPQAENQDPDIKAHVNSLGENLKTLLRRLRRCHRF  
LPCENKSKAVEQVKNFAFNKLQEKGIYKAMSEFDIFINYI  
EAYMTMKIRNHSHHHHH

**Host:** insect

**Theoretical MW (kDa):** 19.4

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

**Form:** Liquid

**Preparation Method:** Sf9 cell expression system

**Purity:** > 95% by SDS-PAGE

**Activity:** The ED<sub>50</sub> is < 5 ng/mL, measured in a cell proliferation assay using MC/9 mouse mast cells.

**Recommend Usage:** Biological Activity

SDS-PAGE

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

**Storage Buffer:** In PBS pH 7.4 (10% glycerol)

**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.

**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]