



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: 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
FQMKDQLDNLKESLLEDFKGYLGCGQALSEMIQFYLE
EVMPQAENQDPDIKAHVNSLGENLKTLLRLRRCHRF
LPCENKSKAVEQVKNAFNKLQEKGIYKAMSEFDIFINYI
EAYMTMKIRNHHHHHH

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 ED₅₀ 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]