



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

www.szabo-scandic.com

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

GFR35AF Recombinant Rat IL-10 (Animal-Free)

Description

Interleukin-10 (IL-10) is an anti-inflammatory cytokine produced by macrophages and type 2 T helper (Th2) cells. IL-10 inhibits the production of pro-inflammatory cytokines such as interferon- γ (IFN- γ), Tumor Necrosis Factor α (TNF- α), interleukin-2 (IL-2), interleukin-3 (IL-3), interleukin-4 (IL-4), and Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF), made by macrophages and regulatory T cells. IL-10 also suppresses antigen presentation on antigen presenting cells, and enhances the survival, proliferation, and antibody production of B cells.

This product is produced with no animal-derived raw products. All processing and handling employs animal-free equipment and animal-free protocols.

Length	161 aa
Molecular Weight	18.8 kDa
Source	E. coli
Accession Number	P29456
Purity	$\geq 95\%$ determined by reducing and non-reducing SDS-PAGE

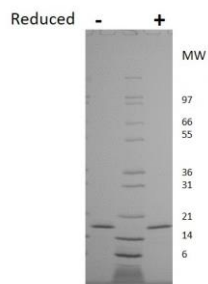
Specifications

Alternative Names	Interleukin-10, interleukin 10, IL10, IL 10, B-TCGF, CSIF, TGIF, cytokine synthesis inhibitory factor
Biological Activity	Activity to be determined.
Endotoxin Level	≤ 1.00 EU/ μ g as measured by kinetic LAL
Formulation	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
AA Sequence	MSKGHSIRGD NNCTHFPVSQ THMLRELRAA FSQVKTFQK KDQLDNILLT DSSLQDFKGY LGCQALSEMI KFYLVVMPQ AENHGPEIKE HLNSLGEKLE TLWIQLRRCH RFLPCENKSK AVEQVKNDNFN KLQDKGVYKA MNEFDIFINC IEAYVTLKMK N

Preparation and Storage

Reconstitution	Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at 0.1 mg/ml, which can be further diluted into other aqueous solutions.
Stability and Storage	12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed.

Data



Non-reducing (-) and reducing (+) conditions in a 4 - 20% Tris-Glycine gel stained with Coomassie Blue. 1 μ g of protein was loaded in each lane. Rat IL-10 has a predicted Mw of 18.8 kDa.