



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) 

Product Information

Description:	Recombinant human IL-23 (interleukin 23), encompassing amino acids 20-189. The construct includes a C-terminal His-tag. This protein was affinity purified.
Background:	IL-23 (interleukin 23) is a cytokine involved in inflammation. It is composed of two subunits, IL-12-B (or IL-12p40) and IL-23A (or IL-23p19) and binds to the IL-23 receptor. It supports Th17 T cell maintenance, expansion and cytokine release, NK cell IFN γ (interferon γ) secretion and increased ADCC (antibody-dependent cellular cytotoxicity) and CD4 ⁺ T cell proliferation. IL-23 is produced and secreted by activated dendritic cells, macrophages, B cells and $\gamma\delta$ T cells. Excessive production of this cytokine can lead to autoimmune disorders, such as psoriasis, and even cancer. Ustekinumab (sold under the brand name STELARA [®]) and guselkumab (sold under the brand name Tremfya [®]) are two commercial monoclonal antibodies targeting IL-23, designed for the treatment of Crohn's disease, ulcerative colitis, plaque and arthritic psoriasis. The success of these two drugs indicates the relevance of this cytokine in human health and disease, making it a valuable therapeutic target.
Species:	Human
Construct:	IL-23 (20-189-His)
Expression System:	CHO
Purity:	>95%, as determined by SDS-PAGE and HPLC
Format:	Recombinant IL-23A was lyophilized from 0.2 μ m filtered PBS solution pH 7.4
Endotoxin Level:	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ μ g (1 EU/ μ g).
MW:	Due to glycosylation migrates as an approximately 28 kDa protein on SDS-PAGE
Uniprot:	Q9NPF7
Stability:	The lyophilized protein is stable for at least 2 years from date of receipt at -20°C.
Storage:	-20°C
Reconstitution:	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Applications:	Useful for cell culture-based assays.