



# 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

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## Datasheet

### IL12B (Human) Recombinant Protein

**Catalog Number:** P8128

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

**Product Description:** Human IL12B (P29460)  
recombinant protein expressed in HEK293 cells.

**Host:** Human

**Theoretical MW (kDa):** 55

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

**Form:** Lyophilized

**Preparation Method:** HEK 293T cell expression system

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

**Activity:** The activity, as determined by the dose  
dependent secretion of IL-17 in response to IL-23 using  
murine splenocytes, the ED<sub>50</sub> is 1.9ng/mL.

**Storage Buffer:** Lyophilized from 1xPBS

**Storage Instruction:** Lyophilized although stable at  
room temperature for 3 weeks. should be stored  
desiccated below -20°C. Upon reconstitution should be  
stored at 4°C between 2-7 days and for future use below  
-20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3593

**Gene Symbol:** IL12B

**Gene Alias:** CLMF, CLMF2, IL-12B, NKSF, NKSF2

**Gene Summary:** This gene encodes a subunit of  
interleukin 12, a cytokine that acts on T and natural killer  
cells, and has a broad array of biological activities.  
Interleukin 12 is a disulfide-linked heterodimer  
composed of the 40 kD cytokine receptor like subunit  
encoded by this gene, and a 35 kD subunit encoded by  
IL12A. This cytokine is expressed by activated  
macrophages that serve as an essential inducer of Th1

cells development. This cytokine has been found to be  
important for sustaining a sufficient number of  
memory/effector Th1 cells to mediate long-term  
protection to an intracellular pathogen. Overexpression  
of this gene was observed in the central nervous system  
of patients with multiple sclerosis (MS), suggesting a role  
of this cytokine in the pathogenesis of the disease. The  
promoter polymorphism of this gene has been reported  
to be associated with the severity of atopic and non-  
atopic asthma in children. [provided by RefSeq]