



# 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:** P8329

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

**Product Description:** Human IL12B (P29460, 23 a.a. - 328 a.a.) partial recombinant protein with His tag at C-terminus expressed in Baculovirus.

**Sequence:**

ADPIWELKKDVYVVELDWYPDAPGEMVVLTCDTPEED  
GITWTLDSSEVLGSGKTLTIQVKEFGDAGQYTCHKG  
GEVLSHSLLLLHKKEDGIWSTDILKDQKEPKNKFTLRC  
EAKNYSGRFTCWLLTISTDLTFSVKSSRGSSDPQGV  
TCGAATLSAERVGRDNKEYEYSVECQEDSACPAEE  
SLPIEVMDAVHKLKYENYSSFFIRDIIKPDPPKLNQLK  
PLKNSRQVEVSWEYPDTWSTPHSYFSLTFCVQVQGK  
SKREKKDRVFTDKTSATVICRKNASISVRAQDRYYSS  
WSEWASVPCSHHHHHH

**Host:** Viruses

**Theoretical MW (kDa):** 35.8

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

**Form:** Liquid

**Preparation Method:** Baculovirus

**Purity:** > 90% by SDS-PAGE

**Recommend Usage:** Biological Activity  
SDS-PAGE

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

**Storage Buffer:** In 20mM Tris-HCl buffer pH 8.0  
(100mM NaCl, 2mM DTT, 100mM PMSF, 20% 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:** 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]