



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Datasheet

### IL12RB1 (Human) Recombinant Protein

**Catalog Number:** P8335

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

**Product Description:** Human IL12RB1 (P42701, 24 a.a. - 545 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.

**Sequence:**

CRTSECCFQDPPYPDADSGSASGPRDLRCYRISSDRY  
ECSWQYEGPTAGVSHFLRCCLSSGRCCYFAAGSATR  
LQFSDQAGVSVLYTVTLWVESWARNQTEKSPEVTLQL  
YNSVKYEPPLGDIKVSFLAGLRMEWETPDNQVGAEV  
QFRHRTPSSPWKLGDCGPQDDTESCLCLEMNVAAQ  
EFQLRRRQLGSQSSWSKWSSPVCVPPENPPQPQV  
RFSVEQLGQDGRRLTLKEQPTQLELPEGCQGLAPG  
TEVTYRLQLHMLSCPCAKATRTLHLGKMPYLSGAAY  
NVAVISSNQFGPGLNQTWHIPADTHTEPVALNISVGTN  
GTTMYWPARAQSMTYCIEWQPVGQDGLATCSLTAP  
QDPDPAGMATYSWSRESGAMGQEKCYYITIFASAHPE  
KLTLWSTVLSTYHFGGNASAAAGTPHHVSVKNHSLDSV  
SVDWAPSLSTCPGLVKEYVVRCDREDSKQVSEHPV  
QPTETQVTLGLRAGVAYTVQVRADTAWLRGVWSQP  
QRFSIEVQVSDHHHHHH

**Host:** insect

**Theoretical MW (kDa):** 58.4

**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:** > 85% by SDS-PAGE

**Recommend Usage:** Biological Activity

SDS-PAGE

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

**Storage Buffer:** In PBS pH 7.4 (1mM EDTA, 0.1mM  
PMSF, 30% 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:** 3594

**Gene Symbol:** IL12RB1

**Gene Alias:** CD212, IL-12R-BETA1, IL12RB,  
MGC34454

**Gene Summary:** The protein encoded by this gene is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukine 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex. This protein forms a disulfide-linked oligomer, which is required for its IL12 binding activity. The coexpression of this and IL12RB2 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The lack of expression of this gene was found to result in the immunodeficiency of patients with severe mycobacterial and Salmonella infections. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]