



# 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

### IL21R (Human) Recombinant protein

**Catalog Number:** P8799

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

**Product Description:** Human IL21R (Q9HBE5, 20 a.a. - 232 a.a) partial recombinant protein with His tag at C-terminal expressed in Sf9 cells.

**Sequence:** CPDLVCYTDY LQTVICILEM WNLHPSTLTL  
TWQDQYEELK DEATSCSLHR SAHNATHATY  
TCHMDVFHFM ADDIFSVNIT DQSGNYSQEC  
GSFLLAESIK PAPPFNVTVT FSGQYNISWR  
SDYEDPAFYM LKGKLQYELQ YRNRGDPWAV  
SPRRKLISVD SRSVLLPLE FRKDSSYELQ  
VRAGPMPGSS YQGTWSEWSD PVIFQTQSEE  
LKEVEHHHHH H

**Host:** insect

**Theoretical MW (kDa):** 25.6

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

**Form:** Liquid

**Preparation Method:** Insect cell (Sf9) expression  
system

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

**Storage Buffer:** In PBS, pH 7.4 and 10% glycerol

**Storage Instruction:** Store at 4°C for 2-4 week. For  
long term storage store at -20°C. For long term storage it  
is recommended to add a carrier protein (0.1% HSA or  
BSA).

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 50615

**Gene Symbol:** IL21R

**Gene Alias:** MGC10967, NILR

**Gene Summary:** The protein encoded by this gene is a

cytokine receptor for interleukin 21 (IL21). It belongs to the type I cytokine receptors, and has been shown to form a heterodimeric receptor complex with the common gamma-chain, a receptor subunit also shared by the receptors for interleukin 2, 4, 7, 9, and 15. This receptor transduces the growth promoting signal of IL21, and is important for the proliferation and differentiation of T cells, B cells, and natural killer (NK) cells. The ligand binding of this receptor leads to the activation of multiple downstream signaling molecules, including JAK1, JAK3, STAT1, and STAT3. Knockout studies of a similar gene in mouse suggest a role for this gene in regulating immunoglobulin production. Three alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]