



# 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

### IL7R (Human) Recombinant Protein

**Catalog Number:** P8308

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

**Product Description:** Human IL7R (P16871, 21 a.a. - 239 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.

**Sequence:**

ADLESGY AQNGDLEDAELDDYSFSCYSQLEVNQSQH  
SLTCAFEDPDVNITNLEFEICGALVEVKCLNFRKLQEIY  
FIETKKFLLIGKSNICVKVGEKSLTCKKIDLTIVKPEAPF  
DLSVVYREGANDFVVFNTSHLQKKYVKVLMHDVAYR  
QEKDENKWTHVNLSTKLLQRKLQPAAMYIEIKVRSI  
PDHYFKGFWSEWSPSYFRTPEINNSSGEMDLEPKS  
CDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTP  
EVTCVVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE  
EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPA  
PIEKTKAKGQPREPQVYTLPPSRDELTKNQVSLTCL  
VKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFF  
LYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSL  
SLSPGKHHHHHH

**Host:** insect

**Theoretical MW (kDa):** 52.5

**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:** > 90% 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 (10% 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:** 3575

**Gene Symbol:** IL7R

**Gene Alias:** CD127, CDW127, IL-7R-alpha, IL7RA,  
ILRA

**Gene Summary:** The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukin 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in the V(D)J recombination during lymphocyte development. This protein is also found to control the accessibility of the TCR gamma locus by STAT5 and histone acetylation. Knockout studies in mice suggested that blocking apoptosis is an essential function of this protein during differentiation and activation of T lymphocytes. The functional defects in this protein may be associated with the pathogenesis of the severe combined immunodeficiency (SCID).  
[provided by RefSeq]