



# 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

### IL7 (Human) Recombinant Protein

**Catalog Number:** P8305

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

**Product Description:** Human IL7 (P13232, 26 a.a. - 177 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.

**Sequence:**

ADPDCDIEGKDGKQYESVLMVSIDQLDSMKEIGSNCL  
NNEFNFFKRICDANKEGMFLFRAARKLRQFLKMNST  
GDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPT  
KSLEENKSLKEQKKLNDLCFLKRLQEIKTCWNKILMG  
TKEHHHHHHH

**Host:** insect

**Theoretical MW (kDa):** 18.4

**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:** > 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:** 3574

**Gene Symbol:** IL7

**Gene Alias:** IL-7

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

cytokine important for B and T cell development. This cytokine and the hepatocyte growth factor (HGF) form a heterodimer that functions as a pre-pro-B cell growth-stimulating factor. This cytokine is found to be a cofactor for V(D)J rearrangement of the T cell receptor beta (TCRB) during early T cell development. This cytokine can be produced locally by intestinal epithelial and epithelial goblet cells, and may serve as a regulatory factor for intestinal mucosal lymphocytes. Knockout studies in mice suggested that this cytokine plays an essential role in lymphoid cell survival. [provided by RefSeq]