



# 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

### IL9 (Human) Recombinant Protein

**Catalog Number:** P9728

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

**Product Description:** Human IL9 (P15248, 19 a.a. - 144 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.

**Sequence:**

QGCPFLAGILDINFLINKMQEDPASKCHCSANVTSCLC  
LGIPSDNCTRPCFSERLSQMTNTTMQTRYPLIFSRVKK  
SVEVLKNNKCPYFSCEQPCNQTTAGNALTFLKSLEIF  
QKEKMRGMRGKI

**Host:** Human

**Theoretical MW (kDa):** 15.3

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

**Form:** Lyophilized

**Preparation Method:** Mammalian cell (Expi293, high-  
yield transient HEK293) expression system

**Purity:** > 95% as determined by Tris-Bis PAGE; > 95%  
as determined by HPLC

**Endotoxin Level:** < 1 EU per 1 ug of protein  
(determined by LAL method)

**Activity:** The EC<sub>50</sub> was 13.6 ng/mL, measured by ELISA  
at 0.2 ug/mL.

**Recommend Usage:** Biological Activity

ELISA

SDS-PAGE

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

**Storage Buffer:** Lyophilized from sterile distilled Water  
is > 100 ug/mL

**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:** 3578

**Gene Symbol:** IL9

**Gene Alias:** HP40, IL-9, P40

**Gene Summary:** The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness. [provided by RefSeq]