



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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 (P01)

**Catalog Number:** H00003578-P01

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

**Product Description:** Human IL9 full-length ORF ( NP\_000581.1, 1 a.a. - 144 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MLLAMVLTSALLLCSVAGQGCPFLAGILDINFLINKMQE  
DPASKCHCSANVTSCCLGIPSDNCTRPCFSERLSQM  
TNTTMQTRYPLIFSRVKKSVEVLKNNKCPYFSCEQPC  
NQTTAGNALTFKSLLEIFQKEKMRGMRGKI

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 41.47

**Interspecies Antigen Sequence:** Mouse (57); Rat (58)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

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

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -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]