



# 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

### IL1A (Human) Recombinant Protein

**Catalog Number:** P8206

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

**Product Description:** Human IL1A (P01583, 113 a.a. - 271 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

**Sequence:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRW  
GSHMSAPFSFLSNVKYNFMRIKYEFILNDALNQSIIRA  
NDQYLTAALHNLDEAVKFDMGAYKSSKDDAKITVILRI  
SKTQLYVTAQDEDQPVLLKEMPEIPKTITGSETNLLFF  
WETHGTKNYFTSVAHPNLFIATKQDYWVCLAGGPSI  
TDFQILENQA

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 22.4

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

**Form:** Liquid

**Preparation Method:** *Escherichia coli* expression  
system

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

**Activity:** The ED<sub>50</sub> is < 0.04 ng/mL, measured in a cell  
proliferation assay using D10.G4.1 mouse helper T cell.

**Recommend Usage:** Biological Activity

SDS-PAGE

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

**Storage Buffer:** In 20mM Tris-HCl buffer pH 7.5 (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:** 3552

**Gene Symbol:** IL1A

**Gene Alias:** IL-1A, IL1, IL1-ALPHA, IL1F1

**Gene Summary:** The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is produced by monocytes and macrophages as a proprotein, which is proteolytically processed and released in response to cell injury, and thus induces apoptosis. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. It has been suggested that the polymorphism of these genes is associated with rheumatoid arthritis and Alzheimer's disease. [provided by RefSeq]