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Produktinformation



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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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

IL1A (Human) Recombinant Protein

Catalog Number: P8204

Regulation Status: For research use only (RUO)

Product Description: Human IL1A (P01583, 113 a.a. - 271 a.a.) partial recombinant protein expressed in *Escherichia coli*.

Sequence:

SAPFSFLSNVKYNFMRIIKYEFILNDALNQSIIRANDQYL
TAAALHNLDEAVKFDMGAYKSSKDDAKITVILRISKQL
YVTAQDEDQPVLLKEMPEIPKTITGSETNLLFFWETHG
TKNYFTSVAHPNLFIA TKQDYWVCLAGGPPSITDFQILE
NQA

Host: *Escherichia coli*

Theoretical MW (kDa): 18

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

Form: Lyophilized

Preparation Method: *Escherichia coli* expression
system

Purity: > 97% by SDS-PAGE

Activity: The ED₅₀ is < 0.001 ng/mL as determined by
the dose-dependant stimulation of murine D10S cells,
corresponding to a specific activity of 1×10^9 IU/mg.

Recommend Usage: Biological Activity
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: 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]