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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

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Datasheet

IL1A (Human) Recombinant Protein

Catalog Number: P8207

Regulation Status: For research use only (RUO)

Product Description: Human IL1A (P01583) partial recombinant protein expressed in HEK293 cells.

Host: Mammals

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: Mammalian cell (HEK293)
expression system

Purity: > 97% by SDS-PAGE

Activity: The ED₅₀ is 0.5 - 5 ug/mL, measured by the binding ability in a functional ELISA. The ED₅₀ is < 1 pg/mL, was determined by the dose-dependent stimulation of the proliferation of mouse D10S cells, corresponding to a specific activity of > 1x10⁹ unit/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
up to 0.5 mg/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]