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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL1B (Human) Recombinant Protein

Catalog Number: P8123

Regulation Status: For research use only (RUO)

Product Description: Human IL1B (P01584, 117 a.a. - 269 a.a.) partial length recombinant protein expressed in *Escherichia coli*.

Sequence:

APVRSLNCTLRDSQQKSLVMSGPYELKALHLQGQDM
EQQVVFMSFVQGEESNDKIPVALGLKEKNLYLSCVL
KDDKPTLQLESVDPKNYPKKKMEKRFVFNKIEINNKL
FESAQFPNWYISTSQAENMPVFLGGTKGGQDITFTM
QFVSS

Host: *Escherichia coli*

Theoretical MW (kDa): 17

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: > 98% by SDS-PAGE

Activity: The specific activity as determined in the test
of augmentation of lymphocyte proliferation assay using
mouse thymus was found to be 200,000,000 IU/mg.

Storage Buffer: Lyophilized from sterile distilled Water
up to 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: 3553

Gene Symbol: IL1B

Gene Alias: IL-1, IL1-BETA, IL1F2

Gene Summary: The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is produced by activated macrophages as a proprotein, which is proteolytically processed to its active form by caspase 1 (CASP1/ICE). This cytokine is an important mediator of the inflammatory response, and is involved in a variety of cellular activities, including cell proliferation, differentiation, and apoptosis. The induction of cyclooxygenase-2 (PTGS2/COX2) by this cytokine in the central nervous system (CNS) is found to contribute to inflammatory pain hypersensitivity. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. [provided by RefSeq]