

## Human IL-1 Beta, His Tag, CHO

Catalog Number	LDG073PHM
Package	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Specifications

#### Species of Origin

Human

#### Expression System

CHO

#### Affinity Tag

His Tag (N-term)

#### Storage Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### Purity

>95% as determined by SDS-PAGE analysis.

#### Molecular weight

The protein has a calculated MW of 18.2 kDa. The protein migrates as 23 kDa under reducing condition (SDS-PAGE analysis).

#### Endotoxin Level

<0.1 EU per 1 µg of the protein by the LAL method.

#### Mycoplasma

Not detected.

#### Form

Lyophilized

### Background

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Interleukin-1 Beta (IL-1 beta) is a key pro-inflammatory cytokine that mediates the body's response to infection and injury. It is involved in various inflammatory diseases, including rheumatoid arthritis and inflammatory bowel disease.

#### Synonyms

Interleukin-1 beta, Catabolin

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**Uniprot ID**

P01584

**Sequence Note**

Ala117-Ser269

**Instruction****Reconstitution**

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

**Stability & Storage**


This product is stable after storage at:

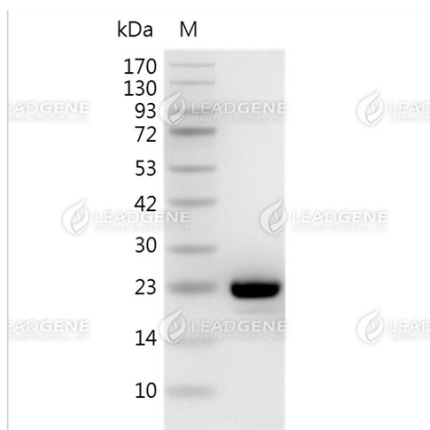
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

**Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

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SDS-PAGE analysis of recombinant human IL-1 beta.

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