

## 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

#### Affinity Tag

His Tag (N-term)

#### Purity

>95% as determined by SDS-PAGE analysis.

#### Endotoxin level

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

#### Form

Lyophilized

#### Expression system

CHO

#### Buffer

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

#### Molecular weight

The protein has a calculated MW of 18.2 kDa. The protein migrates as 16-23 kDa under reducing condition (SDS-PAGE analysis).

#### Mycoplasma

Not detected.

### Background

#### Tainan Headquarter

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### Background

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.

### Uniprot ID

P01584

### Synonyms

Interleukin-1 beta, Catabolin

### 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.

## Image

### Tainan Headquarter

+886-6-2536677

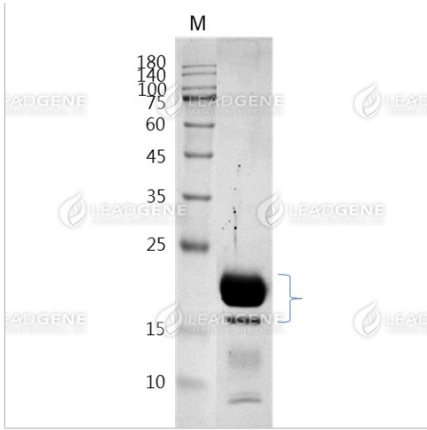
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SDS-PAGE analysis of  
recombinant human IL-1 beta.

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