

## Mouse IL-10, His Tag, CHO

<b>Catalog Number</b>	LDG046PMM
<b>Package</b>	5 µg / 20 µg / 100 µg / Customized package

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



### Specifications

#### Species of Origin

Mouse

#### Affinity Tag

His Tag (C-term)

#### Purity

>90% as determined by SDS-PAGE analysis.

#### Activity

Measured by its ability to induce proliferation of MC/9-2 cells, with the ED50 being < 5 ng/mL.

#### Mycoplasma

Not detected

#### 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 19.58 kDa. The protein migrates as 15-24 kDa under reducing condition (SDS-PAGE analysis).

#### Endotoxin level

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

#### Form

Lyophilized

### Background

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IL-10 is an anti-inflammatory cytokine that regulates immune responses by inhibiting the expression of pro-inflammatory cytokines. It plays a role in immune tolerance.

#### Synonyms

Interleukin-10, IL-10, Cytokine synthesis inhibitory factor, CSIF

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**Uniprot ID**

P18893

**Sequence Note**

Met1-Ser178

**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:

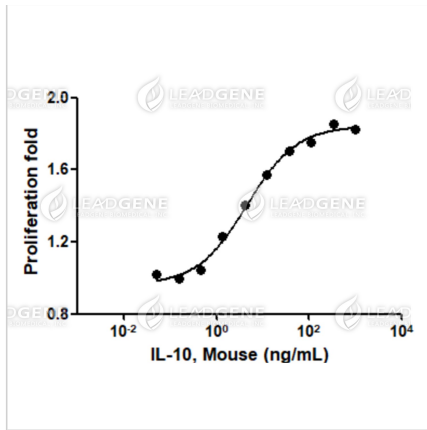
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

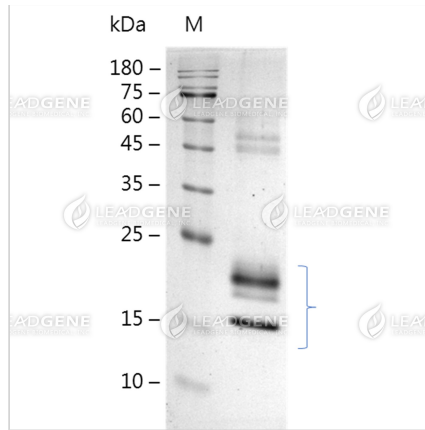
**Shipping**

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 [bd@leadgene.com.tw](mailto:bd@leadgene.com.tw)**Innovation & Research Center** +886-2-27065528**CLD Center** +886-6-2536677



Mouse IL-10, His Tag, CHO (LDG046PMM) induces proliferation of MC/9-2 cells, with the ED50 being < 5 ng/mL.



SDS-PAGE analysis of recombinant mouse IL-10.

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