

Mouse IL-10, His Tag, CHO

Catalog Number	LDG046PMM
Package	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

Storage 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 H₂O 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:

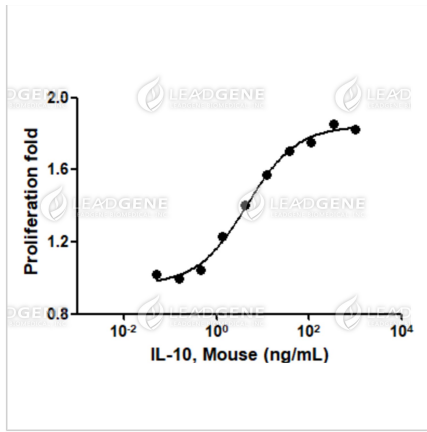
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

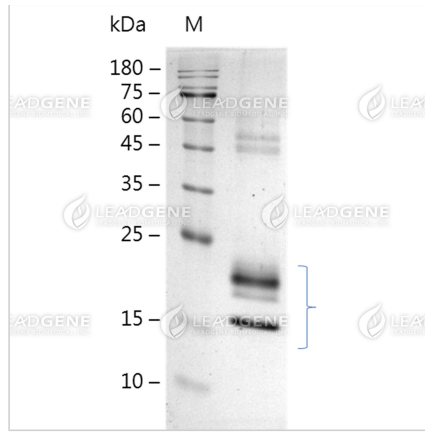
Shipping

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

Image**Tainan Headquarters** +886-6-2536677 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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