

Human IL-4, His Tag, CHO

Catalog Number LDG075PHM

Package 5 µg / 20 µg / 100 µg / 1000 µg / Customized package

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



Specifications

Species of Origin

Human

Affinity Tag

His Tag (C-term)

Purity

>80% 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 15.79 kDa. The protein migrates as 15-21 kDa under reducing condition (SDS-PAGE analysis).

Mycoplasma

Not detected.

Background

Tainan Headquarter

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Background

Interleukin-4 (IL-4) is a cytokine that promotes the differentiation of naive T cells into Th2 cells. It is critical in regulating allergic responses and humoral immunity and is involved in the pathogenesis of asthma and other allergic diseases.

Uniprot ID

P05112

Synonyms

Interleukin-4, B-cell stimulatory factor 1, BSF-1, Binetrakin, Lymphocyte stimulatory factor 1, Pitrakinra

Sequence Note

Met1-Set153

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 Headquarter

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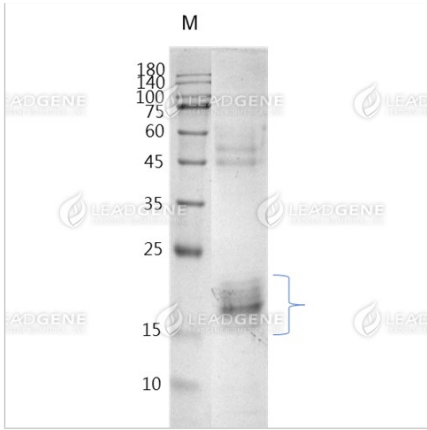
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SDS-PAGE analysis of recombinant human IL-4.

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