

## Mouse TNF Alpha, His Tag, CHO

**Catalog Number** LDG043PMM

**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 (C-term)

#### Purity

>95% as determined by SDS-PAGE analysis.

#### Activity

Measured by its ability to induce cytotoxicity in L929 cells in the presence of actinomycin D, with the ED50 being < 50 pg/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 18.08 kDa. The protein migrates as 14-16 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

#### Tainan Headquarter

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### Background

Tumor Necrosis Factor Alpha (TNF-alpha) is a pro-inflammatory cytokine involved in systemic inflammation and the acute phase reaction. It plays a significant role in autoimmune diseases, cancer, and infectious diseases and is a target for anti-inflammatory therapies.

### Uniprot ID

P06804

### Synonyms

Tumor necrosis factor, Cachectin, Tumor necrosis factor ligand superfamily member 2, TNF-a

### Sequence Note

Leu80-Leu235

## 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

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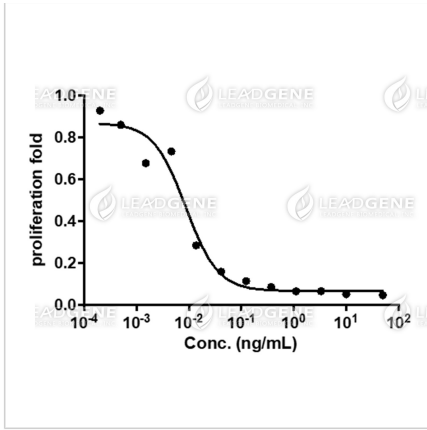
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### Innovation & Research Center

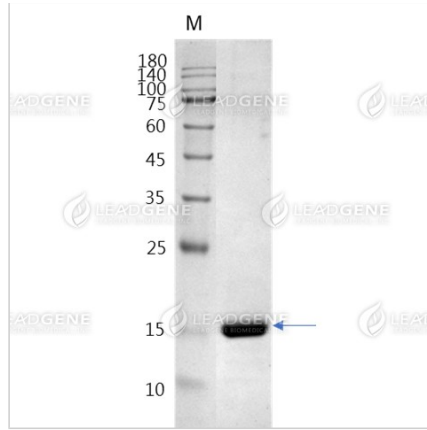
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Mouse TNF Alpha, His Tag, CHO (LDG043PMM) induces cytotoxicity in L929 cells in the presence of actinomycin D, with the ED50 being < 50 pg/mL.



SDS-PAGE analysis of recombinant mouse TNF-alpha.

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