

## Human TNFR2, His Tag, CHO

<b>Catalog Number</b>	LDG113PHM
<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

Human

#### Expression System

CHO

#### Affinity Tag

His Tag (C-term)

#### Storage Buffer

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

#### Purity

>90% as determined by SDS-PAGE analysis.

#### Molecular weight

The protein has a calculated 25.96 MW of kDa. The protein migrates as 35-45 kDa under reducing condition (SDS-PAGE analysis).

#### Activity

Measured by its ability to inhibit TNF-alpha mediated cytotoxicity in L-929 cells in the presence of actinomycin D and 0.25 ng/mL recombinant mouse TNF-alpha, with the ED50 being < 0.1 µg/mL.

#### Endotoxin Level

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

#### Mycoplasma

Not detected

#### Form

Lyophilized

### Background

#### Tainan Headquarters

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#### Innovation & Research Center

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#### CLD Center

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**Background**

TNFR2 (Tumor Necrosis Factor Receptor 2) is involved in immune regulation and inflammation. It is expressed on immune cells and is studied in autoimmune diseases, cancer, and inflammation.

**Uniprot ID**

P20333

**Synonyms**

Tumor necrosis factor receptor superfamily member 1b, Tumor necrosis factor receptor 2, TNF-R2, Tumor necrosis factor receptor type II, TNF-RII, TNFR-II, p75, p80 TNF-alpha receptor, CD120b, Etanercept, membrane form, Tumor necrosis factor-binding protein 2, TBP-2, TBPII

**Sequence Note**

Leu 23 - Asp 257

**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 Headquarters**

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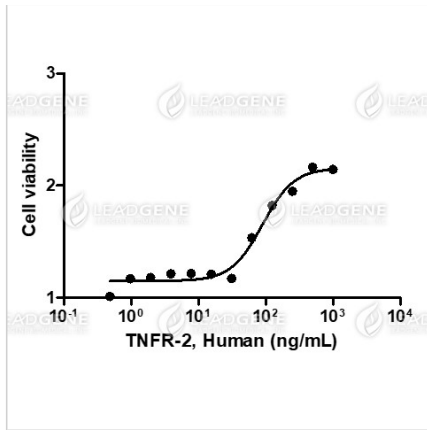
bd@leadgene.com.tw

**Innovation & Research Center**

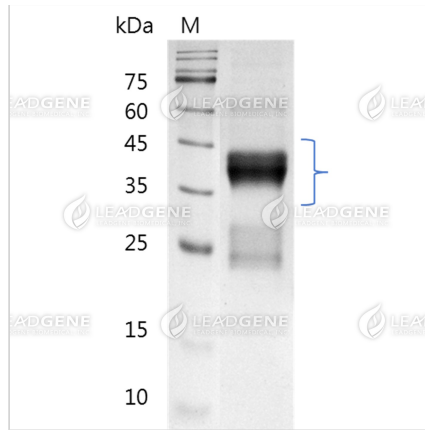
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Human TNFR-2 Protein, His Tag, CHO (LDG113PHM) inhibits TNF-alpha mediated cytotoxicity in L-929 cells in the presence of actinomycin D and 0.25 ng/mL recombinant mouse TNF-alpha, with the ED50 being < 0.1 µg/mL.



SDS-PAGE analysis of recombinant human TNFR2.

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