

## Human TNFR2, His Tag, CHO

**Catalog Number** LDG113PHM

**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

>90% as determined by 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.

#### 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 25.96 MW of kDa. The protein migrates as 35-45 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

+886-6-2536677

bd@leadgene.com.tw

#### Innovation & Research Center

+886-2-27065528

#### CLD Center

+886-6-2536677

### 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 Headquarter

+886-6-2536677

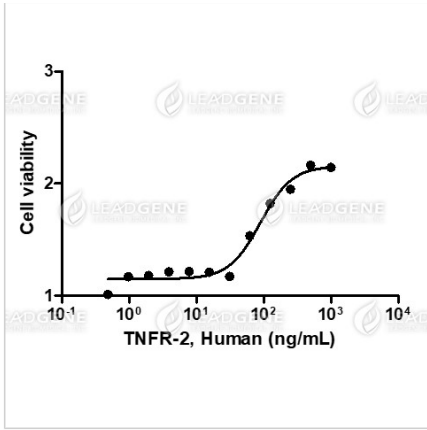
bd@leadgene.com.tw

### Innovation & Research Center

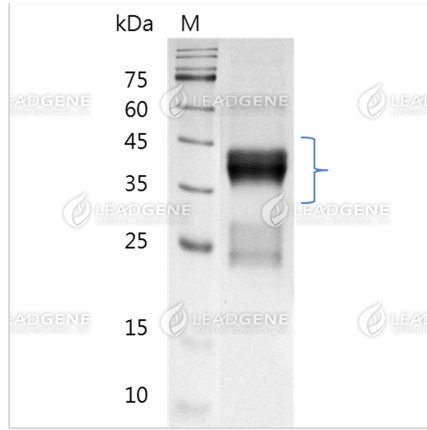
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Human TNFR-2 Protein, His Tag, CHO (LDG113PHM) inhibits TNF-alpha mediated cytotoxicity in L-929 cells in the presence of actinomycin D and 0.25 ng/mL recombinant mouse TNF-alpha, with the ED50 being < 0.1 µg/mL.



SDS-PAGE analysis of recombinant human TNFR2.

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