

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

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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 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:

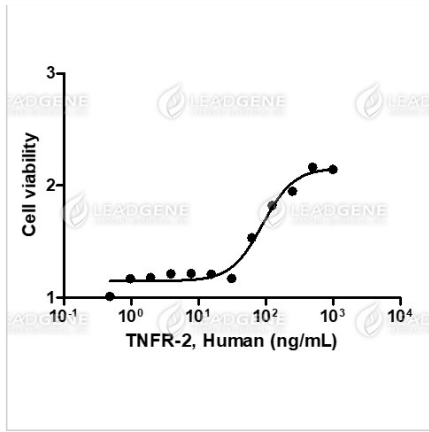
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

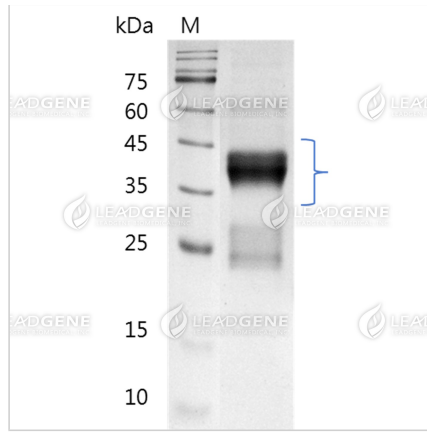
Shipping

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

Image



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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