

Human TNFR2/CD120b/TNFRSF1B (His Tag) recombinant protein



Catalog Number: 503859

General Information

Gene Name Synonym

Tumor necrosis factor receptor 2; Tumor necrosis factor receptor type II; p75; p80 TNF-alpha receptor; Tumor necrosis factor receptor superfamily member 1b, membrane form; Tumor necrosis factor-binding protein 2; TBP-2; TBPII

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Asp 257) of human TNFR2 (NP_001057.1) was expressed, fused with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to inhibit the TNF- α mediated cytotoxicity in the L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED₅₀ for this effect is typically 0.2-0.8 μ g/ml in the presence of 0.25 ng/mL recombinant human TNF- α .

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from

date of receipt at -70°C

Predicted N terminal

Leu 23

Molecular Mass

The recombinant human TNFR2 comprises 246 amino acids and has a calculated molecular mass of 26.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh TNFR2 is approximately 42-45 kDa due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

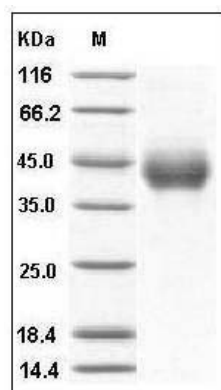
Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE

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