

Human TNF-alpha/TNFA (Fc Tag) recombinant protein



Catalog Number: 501724

General Information

Gene Name Synonym

Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; Tumor necrosis factor, membrane form; N-terminal fragment; Intracellular domain 1; Intracellular domain 2; C-domain 1; C-domain 2; Tumor necrosis factor, soluble form

Protein Construction

A DNA sequence encoding the human TNF (NP_000585.2) (Val77-Leu233) was expressed with the Fc region of human IgG1 at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per µg 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

Glu

Molecular Mass

The recombinant human TNF consists 417 amino acids and predicts a molecular mass of 45.8 kDa.

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

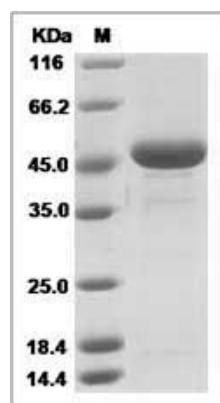
Storage

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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