

# Cynomolgus TNF-alpha/TNFA recombinant protein



Catalog Number: 501314

## General Information

### Protein Construction

A DNA sequence encoding the cynomolgus TNF [(Identical to the rhesus TNF (NP\_001040614.1)] (Val77-Leu233) was expressed and purified with an initial Met.

### Organism

Cynomolgus

### Expression Host

E. coli

## QC Testing

### Activity

Measured in a cytotoxicity assay using L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED<sub>50</sub> for this effect is typically 50-300 pg/ml.

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant cynomolgus TNF consists of 158 amino acids and has a calculated molecular mass of 17.4 kDa.

### Formulation

Lyophilized from sterile 50 mM Tris, 50 mM NaCl, pH 8.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

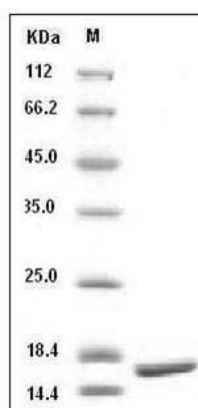
### Storage

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



Cynomolgus TNF-alpha / TNFA / TNFSF1A / Cachectin Protein SDS-PAGE