Ferret TNF-alpha/TNFA recombinant protein

Catalog Number: 502782



General Information

Gene Name Synonym

Uncharacterized protein

Protein Construction

A DNA sequence encoding the mature form of Ferret (Mustela putorius furo) TNF? (A3FBF1) (Val 77-Leu 233) was expressed, with an initial Met at the N-terminus.

Organism

Ferret

Expression Host

E. coli

QC Testing

Activity

Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D.

The EC_{50} for this effect is typically 50-200 pg/ml.

Purity

> 95 % 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 Ferret TNF? consists of 158 amino acids and has a calculated molecular mass of 17.3 kDa. The apparent molecular mass of the recombinant protein is approximately 16 kDa in SDS-PAGE under reducing conditions.

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

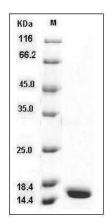
Storage

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



Ferret TNF-alpha / TNFA Protein SDS-PAGE