

Cynomolgus IFNA13 (His Tag) recombinant protein



Catalog Number: 504248

General Information

Protein Construction

A DNA sequence encoding the cynomolgus IFNA13 (G7NFW4) (Met1-Glu190) was expressed with a polyhistidine tag at the C-terminus.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

Measured in antiviral assays using WISH human amnion cells infected with vesicular stomatitisvirus (VSV).

The ED₅₀ for this effect is typically 0.02-0.2 ng/mL.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg 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

Cys 25

Molecular Mass

The recombinant cynomolgus IFNA13 comprises 177 amino acids and has a calculated molecular mass of 20.8 KDa. The apparent molecular mass of it is approximately 19 KDa respectively in SDS-PAGE.

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

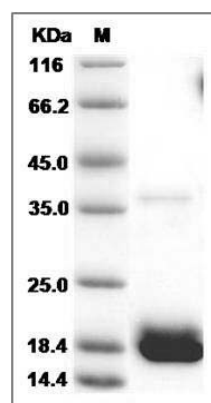
Store it under sterile conditions at -20°C to -80°C.

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



Cynomolgus IFNA13 / Interferon alpha-13 Protein (His Tag) SDS-PAGE