# Cynomolgus IFNA13 (Fc Tag) recombinant protein

Catalog Number: 502459

## General Information

### Protein Construction

A DNA sequence encoding the cynomolgus IFNA13 (G7NFW4) (Met1-Glu190) was expressed with the Fc region of human IgG1 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 $ED_{50}$ for this effect is typically 0.5-3 ng/mL.

### Purity

> 85 % 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℃

### Predicted N terminal

Cys 25

### Molecular Mass

The recombinant cynomolgus IFNA13 is a disulfide-linked homodimer. The reduced monomer comprises 407 amino acids and has a calculated molecular mass of 46.4 KDa.The apparent molecular mass of the protein is approximately 47 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

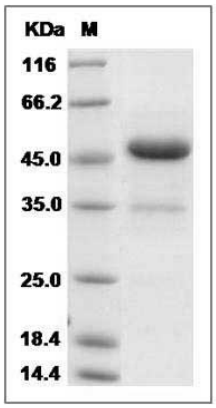
### Storage

Store it under sterile conditions at -20℃ to -80℃. 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 (Fc Tag) SDS-PAGE