

# Rhesus IFNA14 (His Tag) recombinant protein



Catalog Number: 501959

## General Information

### Protein Construction

A DNA sequence encoding the rhesus IFNA14 (XP\_001107576.1) (Cys24-Asp189) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Rhesus

### Expression Host

Yeast

## QC Testing

### Activity

Measured in antiviral assays using WISH cells infected with vesicular stomatitis virus. The ED<sub>50</sub> for this effect is 40-200pg/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

Cys 24

### Molecular Mass

The recombinant rhesus IFNA14 comprises 176 amino acids and has a calculated molecular mass of 21 KDa.

### Formulation

Lyophilized from sterile PBS, 50 % Glycerol.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

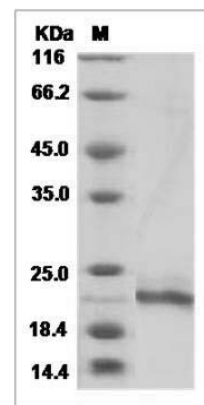
### Storage

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 / Rhesus IFNA14 / Interferon alpha-14 Protein (His Tag) SDS-PAGE