

## General Information

### Protein Construction

A DNA sequence encoding the rhesus IFNA13 (NP\_001181296.1) (Cys25-Glu190) 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 0.05-0.25ng/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 25

#### Molecular Mass

The recombinant rhesus IFNA13 consists of 176 amino acids and predicts a molecular mass of 20.8 kDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.
2. Please contact us for any concerns or special requirements.

### Usage Guide

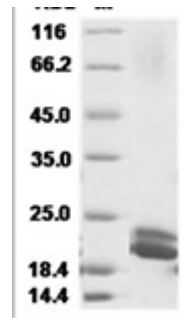
#### Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

#### SDS-PAGE



Rhesus IFNA13 Protein (His Tag)