

# Cynomolgus Interferon alpha-B / IFNA8 (Fc Tag) recombinant protein



Catalog Number: 503952

## General Information

### Protein Construction

A DNA sequence encoding the cynomolgus IFNA8(G7PS89) (Met1-Glu189) was expressed with Fc region of mouse IgG 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<sub>50</sub> for this effect is typically 0.1-0.6 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 24

### Molecular Mass

The recombinant cynomolgus IFNA8 is a disulfide-linked homodimer. The reduced monomer comprises 400 amino acids and has a calculated molecular mass of 46 KDa. The apparent molecular mass of the protein is approximately 48 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

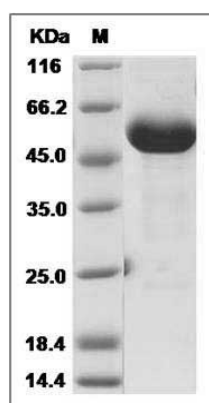
### Storage

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 Interferon alpha-B / IFNA8 Protein (Fc Tag) SDS-PAGE