

# Mouse IFNA13 / Interferon alpha-13 Protein (His Tag)

Catalog Number: 50670-M08H



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

RP23-139P14.1

### Protein Construction:

A DNA sequence encoding the mouse IFNA13 (Q80SU4) (Met1-Glu189) was expressed with a C-terminal polyhistidine tag.

**Source:** Mouse

**Expression Host:** HEK293 Cells

## QC Testing

**Purity:** > 90 % as determined by SDS-PAGE

### Bio Activity:

Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV). The ED<sub>50</sub> for this effect is typically 10-80 pg/mL.

### 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 mouse IFNA13 comprises 177 amino acids and has a predicted molecular mass of 20.5 kDa. The apparent molecular mass of the protein is approximately 26-31 kDa in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

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

## Usage Guide

### Storage:

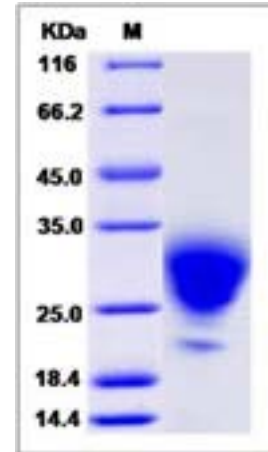
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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