

# Mouse IL-28A / IL28A (His Tag) recombinant protein



Catalog Number: 502014

## General Information

### Gene Name Synonym

Interleukin-28A

### Protein Construction

A DNA sequence encoding the mouse IL28A (NP\_001019844.2) (Met1-Val193) was expressed with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured in antiviral assays using HepG2 cells infected with vesicular stomatitis virus. The ED<sub>50</sub> for this effect is typically 1-4 ng/mL.

### Purity

(82.5+15.3) % 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

Asp 20

## Molecular Mass

The recombinant mouse IL28A comprises 185 amino acids and has a predicted molecular mass of 21.1 kDa. The apparent molecular mass of the protein is approximately 28.5 and 24.7 kDa in SDS-PAGE under reducing conditions.

## 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

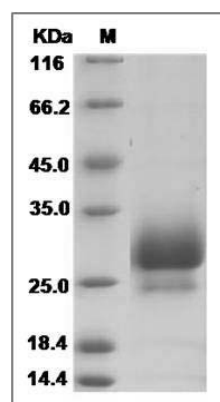
### Storage

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



Mouse IFNL2 / IL28A Protein (His Tag) SDS-PAGE