

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 ED₅₀ 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

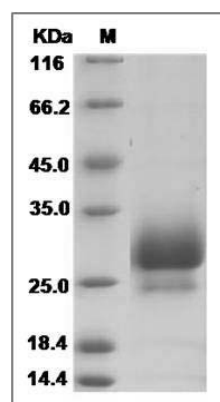
Storage

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