

Mouse IFNA4 (His Tag) recombinant protein



Catalog Number: 502077

General Information

Protein Construction

A DNA sequence encoding the mouse IFNA4 (NP_034634.1) (Met1-Glu186) was expressed with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured in antiviral assays using L929 cells infected with vesicular stomatitisvirus (VSV). The ED₅₀ for this effect is typically 2-12 pg/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 25

Molecular Mass

The recombinant mouse IFNA4 comprises 173 amino acids and has a predicted molecular mass of 20.2 kDa. The apparent molecular mass of the protein is approximately 22-27 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

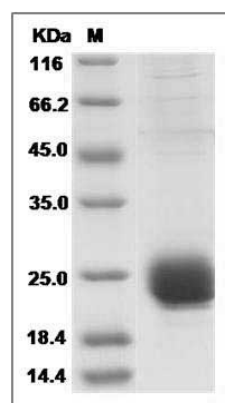
Storage

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 IFNA4 / IFN α 4 / Interferon alpha-4 Protein (His Tag) SDS-PAGE