

Mouse IFNA13 / Interferon alpha-13 Protein (Fc Tag)

Catalog Number: 50670-M01H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

RP23-139P14.1

Protein Construction:

A DNA sequence encoding the secreted form of mouse IFNA13 (Q80SU4 (Cys 24-Glu 189) was fused with the Fc region of human IgG1 at the N-terminus.

Source: Mouse

Expression Host: HEK293 Cells

QC Testing

Purity: > 97 % as determined by SDS-PAGE

Bio Activity:

Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV). The ED₅₀ for this effect is typically 2-8 ng/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: Glu

Molecular Mass:

The recombinant mouse IFNA13/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 426 amino acids and has a predicted molecular mass of 47.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm IFNA13/Fc monomer is approximately 60 kDa.

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:

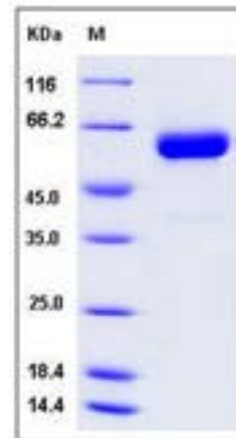
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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