Human IFNA10 (Fc Tag) recombinant protein

Catalog Number: 502587

General Information

Gene Name Synonym

Interferon alpha-6L; Interferon alpha-C

Protein Construction

A DNA sequence encoding the human IFNA10 (P01566) (Cys 24-Asp 189) was fused with the Fc region of human IgG1 at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured in antiviral assays using WISH human amnion cells infected with vesicular stomatitisvirus (VSV).
The ED_{50} for this effect is 20-80 pg/mL.

Purity

> 85 % 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℃

Predicted N terminal

Glu

Molecular Mass

The recombinant human IFNA10/Fc chimera is a disulfide-linked homodimer. The reduced monomer comprises 427 amino acids with a predicted molecular mass of 48 kDa. AsrhIFNA10/Fc monomer migrates as an approximately 50 kDa band 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

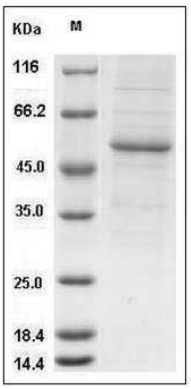
Storage

Store it under sterile conditions at -20℃ to -80℃. 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



Human Interferon alpha 10 / IFNA10 Protein (Fc Tag) SDS-PAGE