

For Research Use Only

Recombinant Human IFNA7 protein (rFc Tag)



Catalog Number: Eg4956

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ μ g protein, LAL method

Source:

HEK293-derived Human IFNA7 protein Cys24-Asp189 (Accession# P01567) with a rabbit IgG Fc tag at the N-terminus.

GeneID:

3444

Accession:

P01567

Predicted Molecular Mass:

46.8 kDa

SDS-PAGE:

45-52 kDa, reducing (R) conditions

Formulation:

Lyophilized from 0.22 μ m filtered solution in 0.5M arg, 30mM Tris, pH8.0. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Interferons (IFN) are a family of cytokines with potent anti-viral, antiproliferative and immunomodulatory properties, classified based on their binding specificity to cell surface receptors. IFNA7 has been shown to be a strong inducer of IFN-stimulated genes and anti-viral protection.

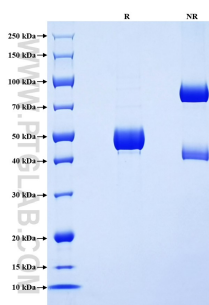
References

1. Pestka S. et al. (1987). Annu. Rev. Biochem. 56:727.
2. Moll H.P. et al. (2011). Cytokine. 53:52.

Synonyms

IFN alpha 7, IFN-alpha-7, IFN-alpha-J1, Interferon alpha-7, Interferon alpha-J

Selected Validation Data



Purity of Recombinant Human IFNA7 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.