

For Research Use Only

# Recombinant Human IFNA4 protein (rFc Tag)(HPLC verified)



Catalog Number: Eg4962

## Basic Information

**Species:**  
Human

**Purity:**  
>90 %, SDS-PAGE<br>>90 %, SEC-HPLC

**Tag:**  
rFc Tag

## Technical Specifications

**Purity:**  
>90 %, SDS-PAGE<br>>90 %, SEC-HPLC

**Endotoxin Level:**  
<0.1 EU/μg protein, LAL method

**Source:**  
HEK293-derived Human IFNA4 protein Cys24-Asp189 (Accession# P05014) with a rabbit IgG Fc tag at the N-terminus.

**GeneID:**  
3441

**Accession:**  
P05014

**Predicted Molecular Mass:**  
46.6 kDa

**SDS-PAGE:**  
45-52 kDa, reducing (R) conditions

**Formulation:**  
Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. 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

Interferon Alpha 4 (IFNA4) belongs to the alpha/beta interferon family. IFNA4 is predicted to enable cytokine activity and type I interferon receptor binding activity, and might be involved in several processes, including B cell activation.

## References

1. Henco K. et al. (1985). J Mol Biol. 185(2):227-60.
2. Hussain M. et al. (1997). J Interferon Cytokine Res. 17(9):559-66.

## Synonyms

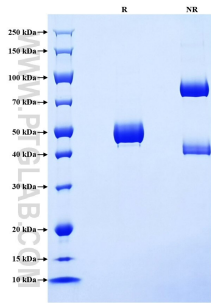
IFN-alpha-4, Interferon alpha-4, Interferon alpha-4B, Interferon alpha-76, Interferon alpha-M1

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

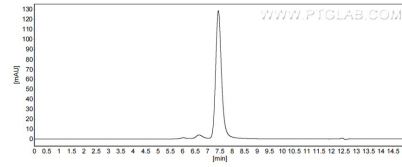
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## Selected Validation Data



Purity of Recombinant Human IFNα4 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.



The purity of Human IFNα4 was greater than 90% as determined by SEC-HPLC.