

For Research Use Only

Recombinant Human IFNA7 protein (rFc Tag)



Catalog Number: Eg4956

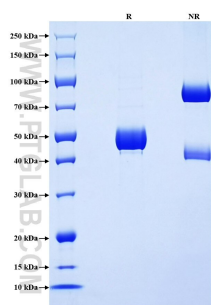
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Human IFNA7 protein Cys24-Asp189 (Accession# P01567) with a rabbit IgG Fc tag at the N-terminus. GeneID: 3444 Accession: P01567 Predicted Molecular Mass: 46.8 kDa SDS-PAGE: 45-52 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 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	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		

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

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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.