

HUMAN IFN ALPHA6 (C-6HIS) PROTEIN

Cat.#: 12040

Product Name: Human IFN Alpha6 (C-6His) Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: Interferon Alpha-6; IFN-Alpha-6; Interferon Alpha-54; Interferon Alpha-K; IeIF K; IFNA6

Target: IFN

UNIPROT ID: P05013

Description: Recombinant Human Interferon Alpha-6 is produced by our Mammalian expression system and the target gene encoding Ser21-Glu189 is expressed with a 6His tag at the C-terminus.

Background: Interferon α-6 (IFN-α6) is a secreted protein which belongs to the α/β interferon family. IFN-α6 is produced by macrophages, expressed at low level, only 1.0% of the average gene in this release. IFN-α6 contains interferon alpha, beta and delta domain. IFN-α has antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.

Species/Host: HEK293

Molecular Weight: 21.1 KDa

Molecular Characterization: Not available

Purity: Greater than 95% as determined by reducing SDS-PAGE.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

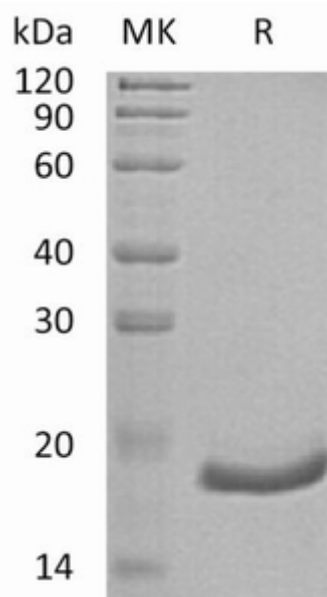


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.