

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;LeIF 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- α 6) is a secreted protein which belongs to the α/β interferon family. IFN- α 6 is produced by macrophages, expressed at low level, only 1.0% of the average gene in this release. IFN- α 6 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.

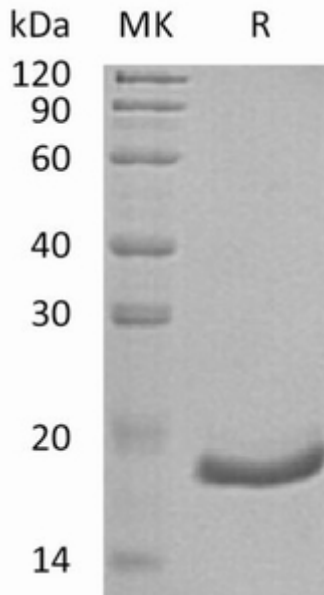


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.