

# Recombinant Human Interferon $\alpha$ -6/IFNA6 Protein (His Tag)



Catalog Number: PKSH032610

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

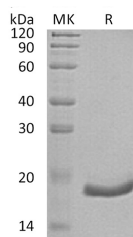
## Description

<b>Synonyms</b>	Interferon Alpha-6; IFN-Alpha-6; Interferon Alpha-54; Interferon Alpha-K; LeIF K; IFNA6
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Ser21-Glu189
<b>Accession</b>	P05013
<b>Calculated Molecular Weight</b>	21.1 kDa
<b>Observed molecular weight</b>	18 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution of 20mM PB, 500mM NaCl, 1mM EDTA, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the p
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

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

## For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017