

## Active Recombinant Human IFNK Protein

Cat. No. IFNK-085H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The mature recombinant human IFN- $\kappa$ protein (22-199aa) without tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	22-199 a.a.
<b>Description</b>	This gene encodes a member of the type I interferon family. Type I interferons are a group of related glycoproteins that play an important role in host defenses against viral infections. This protein is expressed in keratinocytes and the gene is found on chromosome 9, adjacent to the type I interferon cluster.
<b>Bio-activity</b>	Measured in an anti-viral assay using L-929 mouse fibroblast cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is 0.2-1.2 ng/mL.
<b>Molecular Mass</b>	21 kDa
<b>Product-Related Proteins</b>	22-199
<b>Endotoxin</b>	< 0.1 EU/ $\mu$ g of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	At -80 centigrade. Avoid repeated freeze-thaw cycles.
----------------	---

<b>Storage Buffer</b>	PBS
-----------------------	-----

## GENE INFORMATION

<b>Gene Name</b>	IFNK interferon kappa [ Homo sapiens (human) ]
------------------	--

<b>Official Symbol</b>	IFNK
------------------------	------

<b>Synonyms</b>	IFNK; interferon kappa; IFNT1; INFE1; interferon kappa; IFN-kappa; interferon-like protein
-----------------	--

<b>Gene ID</b>	56832
----------------	-------

<b>mRNA Refseq</b>	NM_020124
--------------------	-----------

<b>Protein Refseq</b>	NP_064509
-----------------------	-----------

<b>MIM</b>	615326
------------	--------

<b>UniProt ID</b>	Q9P0W0
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA