

Recombinant Full Length Human IFNA7 Protein, His tagged

Cat. No. IFNA7-20HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human IFNA7, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	1-189 aa
Description	IFNA7, also known as interferon alpha-7, is a member of the interferon family. Interferon promotes the production of two enzymes, protein kinase and oligoadenylate synthetase. They allow the cells to communicate with the protective barrier of the immune system to eradicate pathogens or tumors. IFNs are divided on the sequence of amino-acids into three groups: Alpha, Beta and Gamma interferons. IFN-alpha has both anti-viral and immunomodulatory activities on target cells, and increases the awareness of infection or tumor cells by elevating antigen presentation to T lymphocytes. This protein has both anti-viral and immunomodulatory activities on target cells and involved both in ligand binding and signal transduction.
Form	Liquid in Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
Molecular Mass	20.7 kDa (175aa)
AASequence	< ADP> CDLPQTHSLRNRRALILLAQMGRISPFSCCLKDRHEFRFPPEEEFDGHQFQKT QAISVLHEMIQQTFNLFSTEDSSAAWEQSLLEKFSTELYQQQLNDLEACVIEVGVEET

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

	PLMNEDFILAVRKYFQRITLYLMEKKYSPCAWEVVRAEIMRSFSFSTNLKKGLRRK D< HHHHHH>
Endotoxin	< 1 EU/μg determined by LAL method.
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by absorbance at 280nm)

GENE INFORMATION

Gene Name	IFNA7 interferon alpha 7 [Homo sapiens (human)]
Official Symbol	IFNA7
Synonyms	IFNA7; interferon, alpha 7; interferon alpha-7; IFN alphaJ; IFNA J; IeIF J; IFN-alpha 7; IFN-alpha-7; IFN-alpha-J1; interferon alpha-J; interferon alpha-J1; IFNA-J; IFN-alphaJ
Gene ID	3444
mRNA Refseq	NM_021057
Protein Refseq	NP_066401

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MIM	147567
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UniProt ID	P01567
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