

## Product datasheet for TP721075L

## IFNA4 (NM\_021068) Human Recombinant Protein

## **Product data:**

## OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human interferon, alpha 4 (IFNA4)
•	
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Cys24-Asp189
Tag:	C-His
Predicted MW:	20.4 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 $\mu m$ filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Reconstitution Method: Storage:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less
	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 $\mu$ g/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling
Storage: Stability:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Storage: Stability: RefSeq:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling conditions. <u>NP_066546</u>
Storage: Stability: RefSeq: Locus ID:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling conditions. <u>NP 066546</u> 3441
Storage: Stability: RefSeq: Locus ID: UniProt ID:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling conditions. <u>NP 066546</u> 3441 <u>P05014</u>
Storage: Stability: RefSeq: Locus ID: UniProt ID: RefSeq Size:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling conditions. <u>NP 066546</u> 3441 <u>P05014</u> 982



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	IFNA4 (NM_021068) Human Recombinant Protein – TP721075L
Summary:	Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. [UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathway	<b>s:</b> Antigen processing and presentation, Autoimmune thyroid disease, Cytokine-cytokine receptor interaction, Cytosolic DNA-sensing pathway, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity, Regulation of autophagy, RIG-I-like receptor signaling pathway

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