

## Product datasheet for TP314055

### Interferon alpha10 (IFNA10) (NM\_002171) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interferon, alpha 10 (IFNA10), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214055 representing NM_002171 Red=Cloning site Green=Tags(s)
	MALSFSLLMAVLVLSYKSICSLGCDLPQTHSLGNRRALILLGQMGRISPFSCCLKDRHDFRIPQEEFDGNQ FQKAQAISVLHEMIQQTFNLFSTEDSSAAWEQSLLEKFSTELYQQLNDLEACVIQEVGVEETPLMNEDSI LAVRKYFQRITLYLIERKYSPCAWEVVRAEIMRSLSFSTNLQKRLRRKD
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	21.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_002162</a>
Locus ID:	3446
UniProt ID:	<a href="#">P01566</a>
RefSeq Size:	963



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Cytogenetics: 9p21.3

RefSeq ORF: 567

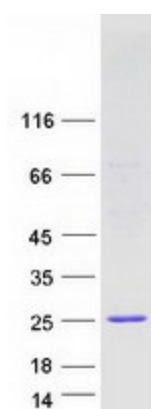
Synonyms: IFN-alphaC

**Summary:** This gene encodes a protein that belongs to the type I interferon family of proteins, and is located in a cluster of alpha interferon genes on chromosome 9. Interferons are small regulatory molecules that function in cell signaling in response to viruses and other pathogens or tumor cells. This gene is intronless and the encoded protein is secreted. [provided by RefSeq, Aug 2013]

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** 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, Toll-like receptor signaling pathway

### Product images:



Coomassie blue staining of purified IFNA10 protein (Cat# TP314055). The protein was produced from HEK293T cells transfected with IFNA10 cDNA clone (Cat# [RC214055]) using MegaTran 2.0 (Cat# [TT210002]).