

Product datasheet for **TP310825**

IFNA5 (NM_002169) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human interferon, alpha 5 (IFNA5), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC210825 protein sequence
Red=Cloning site **Green**=Tags(s)

MALPFVLLMALVVLNCKSICSLGCDLPQTHLSNRRTLMIMAQMGRISPFSCCLKDRHDFGFPQEEDGNQ
FQKAQAISVLHEMIQQTENLSTKSSATWDETLDDKFKYTELYQQLNDLEACMMQEVGVEDTPLMNVDSI
LTVRKYFQRITLYLTEKKYSPCAWEVRAEIMRSFSLSANLQERLRRKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 19.5 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: [NP_002160](#)

Locus ID: 3442

UniProt ID: [P01569](#)

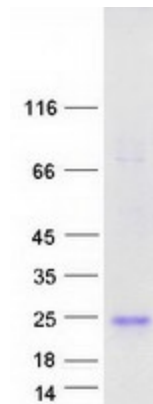
RefSeq Size: 700



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Cytogenetics:	9p21.3
RefSeq ORF:	567
Synonyms:	IFN-alpha-5; IFN-alphaG; INA5; INFA5; IeIF G
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 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 IFNA5 protein (Cat# TP310825). The protein was produced from HEK293T cells transfected with IFNA5 cDNA clone (Cat# [RC210825]) using MegaTran 2.0 (Cat# [TT210002]).