

## Product datasheet for **TP310825L**

### IFNA5 (NM\_002169) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human interferon, alpha 5 (IFNA5), 1 mg

**Species:** Human

**Expression Host:** HEK293T

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

MALPFVLLMALVVLNCKSICSLGCDLPQTHLSNRRTLMIMAQMGRISPFSCCLKDRHDFGFPQEEFDGNQ  
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](#)

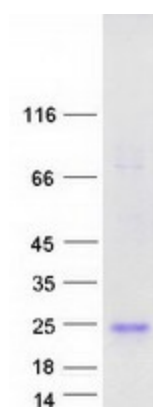
**RefSeq Size:** 700



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<b>Cytogenetics:</b>	9p21.3
<b>RefSeq ORF:</b>	567
<b>Synonyms:</b>	IFN-alpha-5; IFN-alphaG; INA5; INFA5; IeIF G
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Protein Pathways:</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, 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]).