

Product datasheet for TP310825M

IFNA5 (NM_002169) Human Recombinant Protein

Product data:

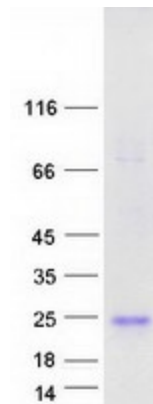
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interferon, alpha 5 (IFNA5), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210825 protein sequence Red =Cloning site Green =Tags(s)
	MALPFVLLMALVVLNCKSICSLGCDLPQTHLSNRRTLMIMAQMGRISPFSCCLKDRHDFGFPQEEDGNQ 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]).