

Product datasheet for PH314055

Interferon alpha10 (IFNA10) (NM_002171) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IFNA10 MS Standard C13 and N15-labeled recombinant protein (NP_002162)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214055
Predicted MW:	21.7 kDa
Protein Sequence:	>RC214055 representing NM_002171 Red=Cloning site Green=Tags(s) MALSFSLLMAVLVLSYKSLGCDLPQTHSLGNRRALILLGQMGRISPFSCCLKDRHDFRIPQEEFDGNQ FQKAQAI SVLHEMIQQT FNLFSTEDSSAAWEQSLLEKFSSTELYQQLNDLEACVIQE VGVVEETPLMNEDSI LAVRKYFQRITLYLIERKYSPCAWEV VRAEIMRSLSFSTNLQKRLRRKD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_002162
RefSeq Size:	963
RefSeq ORF:	567
Synonyms:	IFN-alphaC
Locus ID:	3446
UniProt ID:	P01566



[View online »](#)

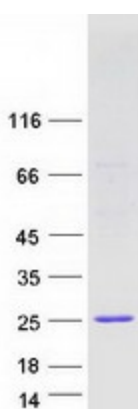
Cytogenetics: 9p21.3

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]).