

Datasheet for ABIN7583229

IFNA Protein (AA 27-243) (Biotin,His-Avi Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IFNA
Protein Characteristics:	AA 27-243
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNA protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Biotinylated Human IFN alpha/beta R2 Protein
Sequence:	Ile27-Lys243
Characteristics:	Recombinant Biotinylated Human IFN alpha/beta R2 Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus.It contains Ile27-Lys243.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IFNA
Alternative Name:	IFN alpha (IFNA Products)

Target Details

Background:	Although interferon (IFN)- α is known to exert immunomodulatory and antiproliferative effects on dendritic cells (DCs) through induction of protein-coding IFN-stimulated genes (ISGs), little is known about IFN- α -regulated miRNAs in DCs. Since several miRNAs are involved in regulating DC functions, it is important to investigate whether IFN- α 's effects on DCs are mediated through miRNAs as well.
Molecular Weight:	27.66 kDa. Due to glycosylation, the protein migrates to 42-52 kDa based on Tris-Bis PAGE result.
UniProt:	P48551-2
Pathways:	JAK-STAT Signaling , TLR Signaling , Hepatitis C , Inflammasome

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 μ m filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 $^{\circ}$ C,-80 $^{\circ}$ C
Storage Comment:	-20 to -80 $^{\circ}$ C for 12 months as supplied from date of receipt.,-80 $^{\circ}$ C for 3-6 months after reconstitution.,2-8 $^{\circ}$ C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months