Datasheet for ABIN7319232

IFNA4 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	IFNA4 (IFNa4)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNA4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human IFNA4 Protein (His Tag)
Sequence:	Cys24-Asp189
Characteristics:	Recombinant Human Interferon alpha-4 is produced by our Mammalian expression system and the target gene encoding Cys24-Asp189 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	IFNA4 (IFNa4)
Alternative Name:	IFNA4 (IFNa4 Products)
Background:	Background: Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. They allow for communication between cells to trigger the protective defenses of the immune system that eradicate pathogens or tumors. They are

Target Details

	typically divided among three IFN classes: Type I, Type II and Type III. IFNA4 is a secreted protein and produced by macrophages. Two variants of IFNA4 (IFNA4a and IFNA4b) are known, which differ from each other by changes in their coding regions at nucleotide positions 220 and 410 . Synonym: Interferon alpha-4, Interferon alpha-4B, Interferon alpha-76,Interferon alpha-M1,IFNA4
Molecular Weight:	20.4 kDa
UniProt:	P05014
Pathways:	JAK-STAT Signaling, Hepatitis C

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM PB,150 mM NaCl, pH 7.2.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.