

Datasheet for ABIN7583238

**IFNA Protein (AA 27-429) (Biotin,His-Avi Tag)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	IFNA
Protein Characteristics:	AA 27-429
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNA protein is labelled with Biotin,His-Avi Tag.

## Product Details

Purpose:	Biotinylated Mouse IFN alpha/beta R1 Protein
Sequence:	Glu27-Thr429
Characteristics:	Recombinant Biotinylated Mouse IFN alpha/beta R1 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Glu27-Thr429.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 90 % 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 ( <a href="#">IFNA Products</a> )

## Target Details

Background:	IFN-alpha / beta R1, also known as IFNAR1, belongs to the class II cytokine receptor family of proteins. Class II cytokine receptors form heterodimeric receptor complexes that mediate class II cytokine signals. Subunits of the different receptor complexes are shared and serve multiple functions. Functions in general as heterodimer with IFNAR2. Type I interferon binding activates the JAK-STAT signaling cascade, and triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and the IFNR alpha- and beta-subunits themselves.
Molecular Weight:	46.85 kDa. Due to glycosylation, the protein migrates to 65-75 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P33896</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">TLR Signaling</a> , <a href="#">Hepatitis C</a> , <a href="#">Inflammasome</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS ( pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months