

Datasheet for ABIN5855176

**IFNA7 Protein (AA 24-189) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	IFNA7 (IFNa7)
Protein Characteristics:	AA 24-189
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNA7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	ADPCDLPQTH SLRNRRALIL LAQMGRISPF SCLKDRHEFR FPEEEFDGHQ FQKTQAISVL HEMIQQTfNL FSTEDSSAAW EQSLLEKFST ELYQQLNDLE ACVIEVGVE ETPLMNEDFI LAVRKYFQRI TLYLMEKKYS PCAWEVVRAE IMRSFSFSTN LKKGLRRKDH HHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

## Target Details

Target:	IFNA7 (IFNa7)
Alternative Name:	IFNA7 ( <a href="#">IFNa7 Products</a> )
Background:	IFNA7, also known as interferon alpha-7, is a member of the interferon family. Interferon promotes the production of two enzymes, protein kinase and oligoadenylate synthetase. They

## Target Details

allow the cells to communicate with the protective barrier of the immune system to eradicate pathogens or tumors. IFNs are divided on the sequence of amino-acids into three groups: Alpha, Beta and Gamma interferons. IFN-alpha has both anti-viral and immunomodulatory activities on target cells, and increases the awareness of infection or tumor cells by elevating antigen presentation to T lymphocytes. This protein has both anti-viral and immunomodulatory activities on target cells and involved both in ligand binding and signal transduction. Recombinant human IFNA7, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 20.7kDa (175aa) 18-28kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP\\_066401](#)

UniProt: [P01567](#)

Pathways: [JAK-STAT Signaling, Hepatitis C](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.