

Datasheet for ABIN934918

IFNA1 Protein[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	IFNA1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MCDLPETHSL DNRRTLMLLA QMSRISPSSC LMDRHDFGFP QEEFDGNQFQ KAPAI SVLHE
LIQQIFNLFT TKDSSAAWDE DLLDKFCTEL YQQLNDLEAC VMQEERVGET PLMNVDSILA
VKKYFRITL YLTEKKYSPC AWEVRAEIM RSLSLSTNLQ ERLRRKE

Characteristics: Purified recombinant Human IFN alpha 1 protein
Expression System: E.coli
Molecular weight on SDS-PAGE will appear higher.

Purity: > 95 % pure

Target Details

Target: IFNA1

Alternative Name: IFN alpha 1 ([IFNA1 Products](#))

Background: Interferon-alpha is a cytokine that is widely known to induce potent anti-viral activity. Interferon-alpha exerts a variety of other biological effects, including antitumor and immunomodulatory

Target Details

activities and are increasingly used clinically to treat a range of malignancies, myelodysplasias and autoimmune diseases. Recombinant human Interferon-alpha was expressed in E. coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Alternative Names: Interferon alpha 1/13 protein, MGC138507 protein, IFN-ALPHA protein, MGC138505 protein, IFN alpha protein, MGC138207 protein, Interferon a 1 protein, Ifna1 protein, Interferon alpha 13 protein, IFNA13 protein, Interferon alpha-1 protein, Interferon alpha leukocyte protein, Interferon alpha 1 protein, Interferon leukocyte protein, , IFNA protein, IFNA1 protein, IFL protein, Interferon alpha D protein, LeIF D protein, IFN protein

Molecular Weight: 19.5 kDa (167 AA)

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

Application Details

Application Notes: IFN alpha protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

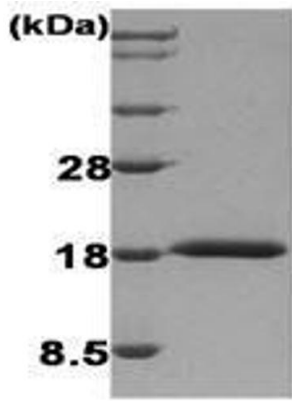
Concentration: 1 mg/mL

Buffer: Supplied as a liquid in PBS, pH 7.4.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.