

Native Human IFNA1 Protein, GMP Grade

Product Information

Cat#

IFNA1-086THP

Common Name

IFNA1

Product Name

Native Human IFNA1 Protein, GMP Grade

Product Overview

Native Human IFNA1 Protein without tag was produced in an animal component free process under cGMP guidelines.

Description

This gene is a member of the alpha interferon gene cluster on chromosome 9. The encoded cytokine is a member of the type I interferon family that is produced in response to viral infection as a key part of the innate immune response with potent antiviral, antiproliferative and immunomodulatory properties. This cytokine, like other type I interferons, binds a plasma membrane receptor made of IFNAR1 and IFNAR2 that is ubiquitously expressed, and thus is able to act on virtually all body cells. This cytokine is upregulated in preeclamptic placentas and is thought to be a mediator of preeclampsia.

Species

Human

Bio-activity

5000000 [arb'U]/1mL

Molecular Mass

Not Available

AA Sequence

Native Human IFNA1 Protein, GMP Grade

CDLPQTHSLGSRRTLMLLAQMRKISLFSCLKDRHDFGFPQEEFGNQFQKAETIPVLHEMIQQIFNLFSTKDSSAA
WDETLLDKFYTELYQQQLNDLEACVIQGVGVGTETPLMKEDSILAVRKYFQRITLYLKEKKYSPCAWEVVRAEIMRS
FSLSTNLQESLRSKECDLPQTHSLGSRRTLMLLAQMRISLFSCLKDRHDFGFPQEEFGNQFQKAETIPVLHEMIQ
QIFNLFSTKDSSAAWDETLLDKFYTELYQQQLNDLEACVIQGVGVGTETPLMNEDSILAVRKYFQRITLYLKEKKYSP
CAWEVVRAEIMRSFSLSTNLQESLRSKECDLPQTHSLGSRRTLMLLAQMRISLFSCLKDRRDFGFPQEEFGNQ
FQKAETIPVLHEMIQQIFNLFSTKDSSAAWDETLLDKFYTELYQQQLNDLEACVIQGVGVGTETPLMNEDSILAVRK
YFQRITLYLKEKKYSPCAWEVVRAEIMRSFSLSTNLQESLRSKE

Endotoxin

<0.001 EU/μg of the peptide by the LAL method

Applications

For the intralesional treatment of refractory or recurring external condylomata acuminata.

Usage

Refractory or recurring external condylomata acuminata.

Gene Name

[IFNA1 interferon, alpha 1 \[Homo sapiens \(human\) \]](#)

Official Symbol

[IFNA1](#)

Synonyms

IFNA1; interferon, alpha 1; interferon alpha-1/13; IFL; IFN; IFN ALPHA; IFN alpha 1b; IFN alphaD;
IFNA13; IFNA@; interferon alpha 1b; leIF D; IFN-alpha 1b; IFN-alpha-1/13; interferon-alpha1;
interferon alpha-D; IFN-ALPHA; IFN-alphaD; MGC138207; MGC138505; MGC138507;

GeneID

[3439](#)

mRNA Refseq

[NM_024013](#)

Protein Refseq

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[NP_076918](#)

MIM

[147660](#)

UniProt ID

[P01562](#)
