

Recombinant Human IFNA1 Protein

Cat. No. IFNA1-070H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The mature recombinant human IFN- α 1 protein containing 166 amino acid residues without tag was expressed in E. coli.
Species	Human
Source	E.coli
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.
Molecular Mass	19.3 kDa
Endotoxin	< 0.1 EU/ μ g of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	PBS

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GENE INFORMATION

Gene Name	IFNA1 interferon alpha 1 [Homo sapiens (human)]
Official Symbol	IFNA1
Synonyms	IFNA1; interferon alpha 1; IFL; IFN; IFNA@; IFNA13; IeIF D; IFN-ALPHA; IFN-alphaD; interferon alpha-1/13; Names; IFN-alpha-1/13; interferon alpha 1b; interferon alpha-D; interferon-alpha1
Gene ID	3439
mRNA Refseq	NM_024013
Protein Refseq	NP_076918
MIM	147660
UniProt ID	P01562

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