

Recombinant Human IFNA1 Protein, His-tagged

Cat. No. IFNA1-2003H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNA1 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Cys24-Glu189 (Gln114Ala)) of human IFNA1 (Accession # NP_076918.1) fused with an initial Met at the N-terminus and a 6×His tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	Cys24-Glu189
Description	The protein encoded by this gene is produced by macrophages and has antiviral activity. This gene is intronless and the encoded protein is secreted.
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5 % mannitol.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90% as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IFNA1 interferon alpha 1 [Homo sapiens (human)]
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Official Symbol	IFNA1
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Synonyms	IFL;IFN;IFN-ALPHA;IFN-alphaD;IFNA13;IFNA@
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Gene ID	3439
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mRNA Refseq	NM_024013.2
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Protein Refseq	NP_076918.1
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MIM	147660
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UniProt ID	P01562
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