

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.

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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)]

Official Symbol IFNA1

Synonyms IFL;IFN;IFN-ALPHA;IFN-alphaD;IFNA13;IFNA@

Gene ID 3439

mRNA Refseq NM_024013.2

Protein Refseq NP_076918.1

MIM 147660

UniProt ID P01562

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