

## Active Recombinant Human IFNA1 Protein, His-tagged

Cat. No. IFNA1-3168H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human IFNA1 (NP_076918.1, Cys24-Glu189) was expressed in yeast with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	24-189 a.a.
<b>Form</b>	Lyophilized Powder
<b>Bio-activity</b>	Measured in antiviral assays using WISH cells infected with vesicular stomatitis virus. The ED50 for this effect is 40-200pg/mL.
<b>Molecular Mass</b>	The recombinant human IFNA1 consists of 176 amino acids and predicts a molecular mass of 20.8 kDa.
<b>Purity</b>	> (28.7+70.4) % as determined by SDS-PAGE.
<b>Storage</b>	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage buffer</b>	PBS, pH 7.4

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**GENE INFORMATION**

<b>Gene Name</b>	IFNA1 interferon, alpha 1 [ Homo sapiens ]
<b>Official Symbol</b>	IFNA1
<b>Synonyms</b>	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;
<b>Gene ID</b>	3439
<b>mRNA Refseq</b>	NM_024013
<b>Protein Refseq</b>	NP_076918
<b>MIM</b>	147660
<b>UniProt ID</b>	P01562

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