

Active Recombinant Human IFNA1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human IFNA1 (NP_076918.1, Cys24-Glu189) was expressed in yeast with a polyhistidine tag at the C-terminus.
Species	Human
Source	Yeast
ProteinLength	24-189 a.a.
Form	Lyophilized Powder
Bio-activity	Measured in antiviral assays using WISH cells infected with vesicular stomatitis virus. The ED50 for this effect is 40-200pg/mL.
Molecular Mass	The recombinant human IFNA1 consists of 176 amino acids and predicts a molecular mass of 20.8 kDa.
Purity	> (28.7+70.4) % as determined by SDS-PAGE.
Storage	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.
Storage buffer	PBS, pH 7.4

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GENE INFORMATION

Gene Name	IFNA1 interferon, alpha 1 [Homo sapiens]
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;
Gene ID	3439
mRNA Refseq	NM_024013
Protein Refseq	NP_076918
MIM	147660
UniProt ID	P01562

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