

Recombinant Human IFNA13 Protein, His-tagged

Cat. No. IFNA13-119H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Interferon Alpha-1 is produced by our Mammalian expression system and the target gene encoding Cys24-Glu189 is expressed with a 6His tag at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	24-189 a.a.
Description	Interferon alpha-1/13(IFN-alpha-1/13 for short), also known as Interferon alpha-D, is a secreted protein which belongs to the alpha/beta interferon family. It is produced by macrophages. IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. IFN-alpha exerts a variety of other biological effects, including antitumor and immunomodulatory activities and are increasingly used clinically to treat a range of malignancies, myelodysplasias and autoimmune diseases.
Form	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Molecular Mass	Predicted Molecular Weight: 20.4kDa Apparent Molecular Weight: 17kDa, reducing conditions.
AA Sequence	Cys24-Glu189

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Endotoxin	Less than 0.1 ng/ug (1 EU/ug).
Purity	>95%
Storage	<p>Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7 centigrade for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20 centigrade for 3 months.</p>
Reconstitution	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Quality Statement	Purity: Greater than 95% as determined by reducing SDS-PAGE.
Shipping	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>

GENE INFORMATION

Gene Name	IFNA13 interferon alpha 13 [Homo sapiens (human)]
Official Symbol	IFNA13
Synonyms	Interferon alpha-1/13; IFN-alpha-1/13; Interferon alpha-D; LeIF D; IFNA1; IFNA13
Gene ID	3447
mRNA Refseq	NM_006900.4

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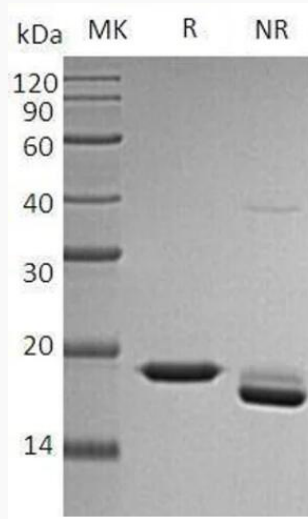
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Protein Refseq NP_008831.3

MIM 147578

UniProt ID P01562

SDS-PAGE



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