

Active Recombinant Human IFNA1 protein(Q114A), His-tagged

Cat. No. IFNA1-2565H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNA1 protein(Cys24-Glu189(Q114A)), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	24-189 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	1. Measured by its ability to stimulate GBP2 expression in 293T human embryonic kidney cells. 0.1-1 ng/mL of Recombinant Human IFNA1 can effectively Stimulating GBP2 expression. 2. Measured by its ability to stimulate human colon adenocarcinoma cells (Caco-2 cells). 10 ng/µL of Recombinant Human IFN-alpha 1/13(Q114A) can upregulate the expression of MDA5.
Molecular Mass	21.01 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months,

 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

at 2-8°C for up to 1 week.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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

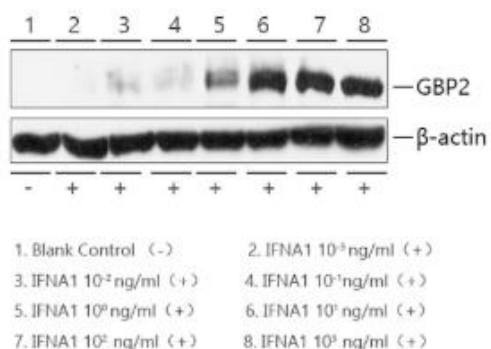
UniProt ID P01562

 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

Activity



SDS-PAGE

