

Active Recombinant Human IFNA10 protein, His-tagged

Cat. No. IFNA10-373H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IFNA10 protein(NP_002162.1)(Cys24-Asp189) is expressed in HEK293, fused with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	24-189 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured in a cell cytotoxicity assay using TF-1 cells. The ED50 for this effect is 0.26-1.04 ng/mL, corresponding to a specific activity of $9.62 \times 10^5 \sim 3.85 \times 10^6$ units/mg.
Molecular Mass	20.25 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 90% 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, at 2-8°C for up to 1 week.

 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

Reconstitution

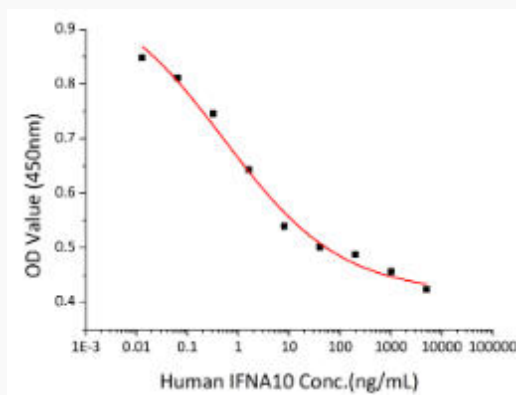
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot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

GENE INFORMATION

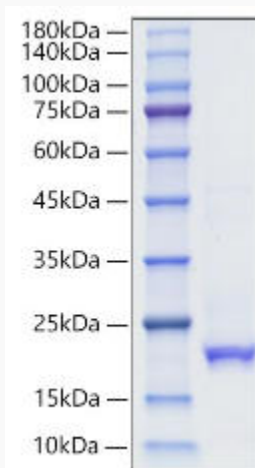
Gene Name	IFNA10 interferon, alpha 10 [Homo sapiens]
Official Symbol	IFNA10
Synonyms	IFNA10; interferon, alpha 10; interferon alpha-10; IFN alphaC; IeIF C; IFN-alpha-10; interferon alpha-C; interferon alpha-6L; IFN-alphaC; MGC119878; MGC119879;
Gene ID	3446
mRNA Refseq	NM_002171
Protein Refseq	NP_002162
MIM	147577
UniProt ID	P01566

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Activity



SDS-PAGE



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