Active Recombinant Human IFNA5 protein, His-tagged

Cat. No. IFNA5-7281H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IFNA5 protein(NP_002160.1)(Leu22-Glu189) is expressed in HEK293, fused with a His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	22-189 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 3.27-13.06 ng/mL, corresponding to a specific activity of 7.66×10^4~3.06×10^5 units/mg.
Molecular Mass	20.53 kDa
Endotoxin	< 0.1 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.

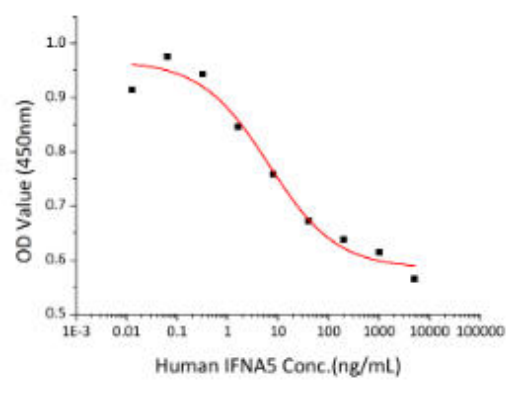
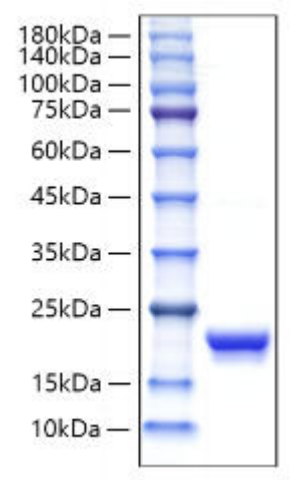
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Reconstitution	Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (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	IFNA5 interferon, alpha 5 [Homo sapiens]
Official Symbol	IFNA5
Synonyms	IFNA5; interferon, alpha 5; interferon alpha-5; IFN alphaG; leIF G; IFN-alpha-5; interferon alpha-G; interferon alpha-61; INFA5; IFN-alphaG;
Gene ID	3442
mRNA Refseq	NM_002169
Protein Refseq	NP_002160
MIM	147565
UniProt ID	P01569

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Activity	
SDS-PAGE	

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