Active Recombinant Human Full Length IFNA5 Protein

Cat. No. IFNA5-32HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IFN-alpha G/IFNA5 Protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Full Length
Description	Predicted to enable cytokine activity and type I interferon receptor binding activity. Predicted to be involved in several processes, including B cell activation; lymphocyte activation involved in immune response; and positive regulation of peptidyl-serine phosphorylation of STAT protein. Predicted to be located in extracellular region. Predicted to be active in extracellular space.
Form	Lyophilized
Bio-activity	Measured in anti-viral assays using HeLa human cervical epithelial carcinoma cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is 1.00-15.0 pg/mL.
Molecular Mass	Predicted Molecular Mass: 20 kDa SDS-PAGE: 18-22 kDa, under reducing conditions.
N-terminal Sequence	Leu22

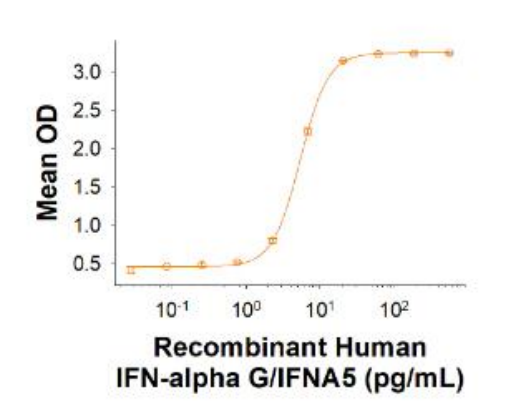
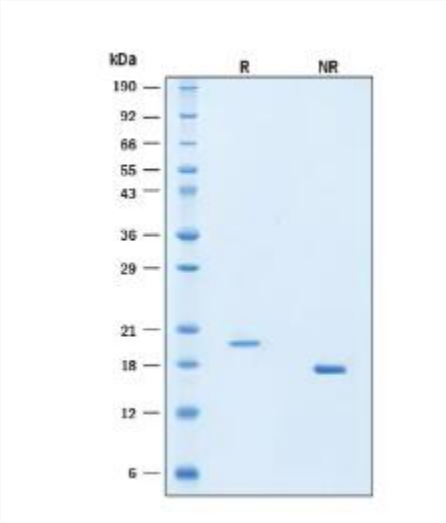
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Analysis	
Endotoxin	< 0.10 EU/μg of the protein by the LAL method.
Purity	> 95 %, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose.
Reconstitution	Reconstitute at 100 μg/mL in PBS.
Shipping	The product is shipped at ambient temperature.

GENE INFORMATION

Gene Name	IFNA5 interferon, alpha 5 [Homo sapiens (human)]
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

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Protein Refseq	NP_002160
MIM	147565
UniProt ID	P01569
Bioactivity	
SDS-PAGE	

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