

Recombinant Full Length Human IFNA8 Protein, C-Flag-tagged

Cat. No. IFNA8-1823HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IFNA8 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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 act upstream of or within defense response to virus. Predicted to be located in extracellular region. Predicted to be active in extracellular space.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21.8 kDa
AA Sequence	MALTFYLLVALVLSYKSFSSLGCDLPQTHSLGNRRALILLAQMRRISPFSCCLKDRHD FEFPQEEFDDKQ FQKAQAISVLHEMIQQTFNLFSTKDSSAALDETLLEDFYIELDQQL NDLESCVMQEVGVIESPLMYEDSI LAVRKYFQRITLYLTEKKYSSCAWEVVRAEIMR SFSL SINLQKRLKSKE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Protein Pathways	Antigen processing and presentation, Autoimmune thyroid disease, Cytokine-cytokine receptor interaction, Cytosolic DNA-sensing pathway, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity, Regulation of autophagy, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	IFNA8 interferon alpha 8 [Homo sapiens (human)]
Official Symbol	IFNA8
Synonyms	IFN-alphaB
Gene ID	3445
mRNA Refseq	NM_002170.4

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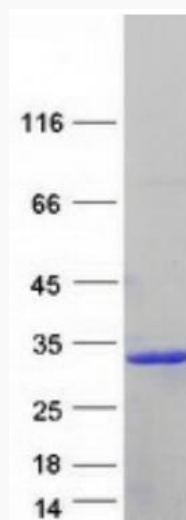
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Protein Refseq NP_002161.2

MIM 147568

UniProt ID P32881



Coomassie blue staining of purified IFNA8 protein.

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