

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human IFNA8 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | 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. |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 21.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MALTFYLLVALVLSYKSFSSLGCDLPQTHSLGNRRALILLAQMRRISPFSCCLKDRHD<br>FEFPQEEFDDKQ FQKAQAISVLHEMIQQTFNLFSTKDSSAALDETLLEDFYIELDQQL<br>NDLESCVMQEVGVIESPLMYEDSI LAVRKYFQRITLYLTEKKYSSCAWEVVRAEIMR<br>SFSL SINLQKRLKSKE TRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                                                                                                                        |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                       |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method.                                                                                                                                                                                                                                                                   |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                                                                                                                                                                                    |
| <b>Protein Families</b> | Druggable Genome, Secreted Protein                                                                                                                                                                                                                                                                                  |
| <b>Protein Pathways</b> | 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 |
| <b>Full Length</b>      | Full L.                                                                                                                                                                                                                                                                                                             |

## GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                |             |
|----------------|-------------|
| Protein Refseq | NP_002161.2 |
| MIM            | 147568      |
| UniProt ID     | P32881      |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA