

## Recombinant Human IFNA21 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** IFNA21-6275H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | IFNA21 MS Standard C13 and N15-labeled recombinant protein (NP_002166) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | This gene is a member of the alpha interferon gene cluster on the short arm of chromosome 9. Interferons are cytokines produced in response to viral infection that mediate the immune response and interfere with viral replication. The encoded protein is a type I interferon and may play a specific role in the antiviral response to rubella virus. |
| <b>Molecular Mass</b>   | 21.7 kDa                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MALSFSLLMAVLVLSYKSICSLGCDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHD<br>FGFPQEEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSATWEQSLLEKFSTELNQ<br>QLNDLEACVIEVGVEETPLMNVDSILAVKKYFQRITLYLTEKKYSPCAWEVVRAEIM<br>RSFSLSKIFQERLRRKETRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                                  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                               |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                                                |

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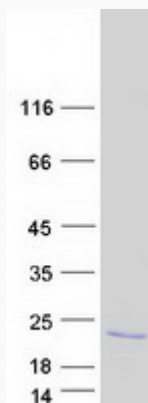
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|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                     |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                                                                   |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                                                                         |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                 |
| <b>Gene Name</b>        | IFNA21 interferon alpha 21 [ Homo sapiens (human) ]                                                                                                                             |
| <b>Official Symbol</b>  | IFNA21                                                                                                                                                                          |
| <b>Synonyms</b>         | IFNA21; interferon, alpha 21; interferon alpha-21; IFN alphas; leukocyte interferon protein; IFN-alpha-21; interferon alpha-F; LeIF F; leIF-F; IFN-alpha; MGC126687; MGC126689; |
| <b>Gene ID</b>          | 3452                                                                                                                                                                            |
| <b>mRNA Refseq</b>      | NM_002175                                                                                                                                                                       |
| <b>Protein Refseq</b>   | NP_002166                                                                                                                                                                       |
| <b>MIM</b>              | 147584                                                                                                                                                                          |
| <b>UniProt ID</b>       | P01568                                                                                                                                                                          |

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**SDS-PAGE**

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