

Bioactive

## IFNA2 (Human) Recombinant Protein

Catalog # P8146

Size 100 ug

### Specification

|                             |                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Human IFNA2 (P01563, 24 a.a. - 188 a.a.) partial recombinant protein expressed in <i>Saccharomyces cerevisiae</i> .                                                            |
| <b>Sequence</b>             | CDLPQTHSLGSRRTLMLLAQMRRLSFLSCLKDRRDFGFPQEEFGNQFQKAETIPVLHEMIQQIFNL<br>FSTKDSSAAWDETLLDKFYTELYQQLNDLEACVIQGVGVTEPTPLMKEDSILAVRKYFQRITLYLKEK<br>KYSPCAWEVVRAEIMRSFSLSTNLQESLRSKE |
| <b>Host</b>                 | Yeast                                                                                                                                                                          |
| <b>Theoretical MW (kDa)</b> | 19.3                                                                                                                                                                           |
| <b>Form</b>                 | Lyophilized                                                                                                                                                                    |
| <b>Preparation Method</b>   | <i>Saccharomyces cerevisiae</i> expression system                                                                                                                              |
| <b>Purity</b>               | > 97% by SDS-PAGE                                                                                                                                                              |
| <b>Activity</b>             | The activity is determined by the cytopathic effect inhibition assay.                                                                                                          |
| <b>Recommend Usage</b>      | Biological Activity<br>SDS-PAGE<br>The optimal working dilution should be determined by the end user.                                                                          |
| <b>Storage Buffer</b>       | Lyophilized from sterile distilled Water is > 100 ug/mL                                                                                                                        |
| <b>Storage Instruction</b>  | Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.<br>Aliquot to avoid repeated freezing and thawing.                                 |

### Applications

- Functional Study
- SDS-PAGE

## Gene Info — IFNA2

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">3440</a>                                                          |
| Protein Accession# | <a href="#">P01563</a>                                                        |
| Gene Name          | IFNA2                                                                         |
| Gene Alias         | IFNA, INFA2, MGC125764, MGC125765                                             |
| Gene Description   | interferon, alpha 2                                                           |
| Omim ID            | <a href="#">147562</a>                                                        |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                     |
| Gene Summary       | O                                                                             |
| Other Designations | OTTHUMP00000021143 alpha-2a interferon interferon alpha 2b interferon alpha A |

## Pathway

- [Antigen processing and presentation](#)
- [Autoimmune thyroid disease](#)
- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Regulation of autophagy](#)
- [Toll-like receptor signaling pathway](#)

## Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)

- [Hepatitis C](#)
- [Infant](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Respiratory Syncytial Virus Infections](#)