

## Recombinant Mouse IFNA2 Protein

**Cat. No.** IFNA2-80M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Interferon alpha-2 is produced by our E.coli expression system and the target gene encoding Cys24-Glu190 is expressed.                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 24-190 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | At least 23 different variants of Interferon- $\alpha$ are known. The individual proteins have molecular masses between 19-26 kD and consist of proteins with lengths of 156-166 and 172 amino acids. All IFN- $\alpha$ subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN- $\alpha$ subtypes differ in their sequences at only one or two positions. Naturally occurring variants also include proteins truncated by 10 amino acids at the carboxyl-terminal end. |
| <b>Form</b>             | Lyophilized from a 0.2 um filtered solution of 20mM PB,100mM NaCl, pH7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | Cys24-Glu190                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Endotoxin</b>        | Less than 0.1 ng/ug (1 EU/ug).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Shipping</b>         | Ambient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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

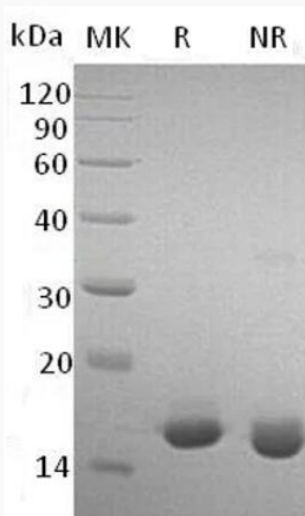
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

## GENE INFORMATION

|                        |                                                                           |
|------------------------|---------------------------------------------------------------------------|
| <b>Gene Name</b>       | Ifna2 interferon alpha 2 [ Mus musculus (house mouse) ]                   |
| <b>Official Symbol</b> | IFNA2                                                                     |
| <b>Synonyms</b>        | Interferon Alpha-2; IFN-Alpha-2; Interferon Alpha-A; LeIF A; Ifa2; If1ai7 |
| <b>Gene ID</b>         | 15965                                                                     |
| <b>mRNA Refseq</b>     | NM_010503.2                                                               |
| <b>Protein Refseq</b>  | NP_034633.2                                                               |
| <b>UniProt ID</b>      | P01573                                                                    |

### SDS-PAGE



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