

**PRODUCT INFORMATION**

|   |  |
|---|--|
| <b>Target</b>                           | IFN  |
| <b>Synonyms</b>                         | Interferon Alpha-2;IFN-Alpha-2;Interferon Alpha-A;LeIF A;IFNA2   |
| <b>Description</b>                      | Recombinant Human Interferon Alpha-2a is produced by our E.coli expression system and the target gene encoding Cys24-Glu188 is expressed.  |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | P05013   |
| <b>Expression Host</b>                  | E.coli   |
| <b>Tag</b>                              |  |
| <b>Molecular Characterization</b>       | Not available  |
| <b>Molecular Weight</b>                 | 19.24 KDa  |
| <b>Purity</b>                           | Greater than 95% as determined by reducing SDS-PAGE.   |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.  |
| <b>Storage&amp;Shipping</b>             | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.  |
| <b>Background</b>                       | At least 23 different variants of IFN-a are known. The individual proteins have molecular masses between 19-26 kDa and consist of proteins with lengths of 156-166 and 172 amino acids. All IFN-a subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN-a subtypes only differ in their sequences by one or two positions. Naturally occurring variants also include proteins truncated by 10 amino acids at the carboxy-terminal end. |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |



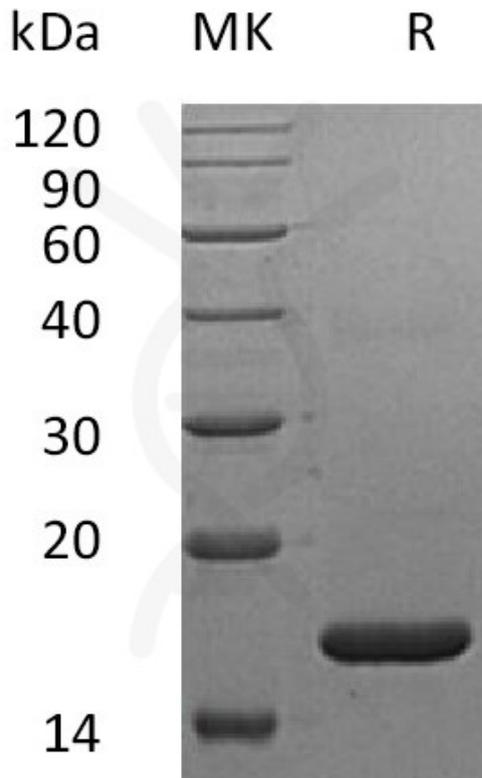


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

