

# Recombinant Human IFNA6 Protein, His-tagged

**Cat. No.** IFNA6-194H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IFNA6 fused with His tag at C-terminal was expressed in HEK293.                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                         |
| <b>Description</b>      | Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.                          |
| <b>Form</b>             | Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, pH 7.4                                                                                                                      |
| <b>Molecular Mass</b>   | 21.1kD                                                                                                                                                                                         |
| <b>AA Sequence</b>      | SLDCDLPQTHSLGHRRTMMLLAQMRRISLFSCCLKDRHDFRFPQEEFDGNQFQKAEA<br>ISVLHEVIQQTFNLFSTKDSSVAWDERLLDKLYTELYQQLNDLEACVMQEVWVGSTP<br>LMNEDSILAVRKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSSSRNLQERLRRKEV<br>DHHHHHH |
| <b>Endotoxin</b>        | Endotoxin level is <0.1 ng/g of protein (<1EU/g).                                                                                                                                              |
| <b>Purity</b>           | >95% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                     |
| <b>Concentration</b>    | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the                          |

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lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## GENE INFORMATION

|                 |                                                                                                                                       |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | IFNA6 interferon, alpha 6 [ Homo sapiens ]                                                                                            |
| Official Symbol | IFNA6                                                                                                                                 |
| Synonyms        | IFNA6; interferon, alpha 6; interferon alpha-6; IFN alphaK; IeIF K; IFN-alpha-6; interferon alpha-K; interferon alpha-54; IFN-alphaK; |
| Gene ID         | 3443                                                                                                                                  |
| mRNA Refseq     | NM_021002                                                                                                                             |
| Protein Refseq  | NP_066282                                                                                                                             |
| MIM             | 147566                                                                                                                                |
| UniProt ID      | P05013                                                                                                                                |

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