

## Interferon alpha-14 Recombinant Protein | IFNA14 recombinant protein

Recombinant Human Interferon alpha-14

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|------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA18487</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|------------------------------|-----------------------------------------------------------------|

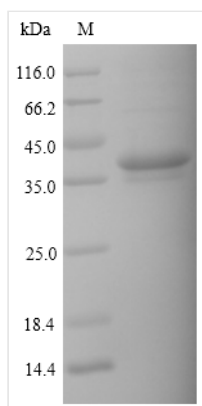
### PRODUCT SYNONYMS

Interferon alpha-14; Recombinant Human Interferon alpha-14; Interferon alpha-H; LeIF HInterferon lambda-2-H; IFNA14 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                             |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                    |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                             |
| Sequence Positions      | 24-189aa; Full Length of Mature Protein                                                                                                                                                      |
| Sequence                | CNLSQTHSLN NRRTLMLMAQ MRRISPFSCS KDRHDFEFPQ EEFDGNQFQK AQAISVLHEM MQQTFNLFST<br>KNSSAAWDET LLEKFYIELF QQMNDLEACV IQEVGVEETP LMNEDSILAV KKYFQRITLY LMEKKYSPCA<br>WEVVRAEIMR SLSFSTNLQK RLRRKD |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.                                                                                                       |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

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| Related Product Information for IFNA14 recombinant protein | Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. |
| Product Categories/Family for IFNA14 recombinant protein   | <a href="#">Immunology</a>                                                                                                                                            |

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| References | <p>The structure of eight distinct cloned human leukocyte interferon cDNAs.Goeddel D.V., Leung D.W., Dull T.J., Gross M., Lawn R.M., McCandliss R., Seeburg P.H., Ullrich A., Yelverton E., Gray P.W.Nature 290:20-26(1981) DNA sequence of two closely linked human leukocyte interferon genes.Lawn R.M., Adelman J., Dull T.J., Gross M., Goeddel D.V., Ullrich A.Science 212:1159-1162(1981) Structural relationship of human interferon alpha genes and pseudogenes.Henco K., Brosius J., Fujisawa A., Fujisawa J., Haynes J.R., Hochstadt J., Kovacic T., Pasek M., Schamboeck A., Schmid J., Todokoro K., Waelchli M., Nagata S., Weissmann C.J. Mol. Biol. 185:227-260(1985) DNA sequence and analysis of human chromosome 9.Humphray S.J., Oliver K., Hunt A.R., Plumb R.W., Loveland J.E., Howe K.L., Andrews T.D., Searle S., Hunt S.E., Scott C.E., Jones M.C., Ainscough R., Almeida J.P., Ambrose K.D., Ashwell R.I.S., Babbage A.K., Babbage S., Bagguley C.L., Bailey J., Banerjee R., Barker D.J., Barlow K.F., Bates K., Beasley H., Beasley O., Bird C.P., Bray-Allen S., Brown A.J., Brown J.Y., Burford D., Burrill W., Burton J., Carder C., Carter N.P., Chapman J.C., Chen Y., Clarke G., Clark S.Y., Clee C.M., Clegg S., Collier R.E., Corby N., Crosier M., Cummings A.T., Davies J., Dhami P., Dunn M., Dutta I., Dyer L.W., Earthrowl M.E., Faulkner L., Fleming C.J., Frankish A., Frankland J.A., French L., Fricker D.G., Garner P., Garnett J., Ghorl J., Gilbert J.G.R., Glison C., Grafham D.V., Gribble S., Griffiths C., Griffiths-Jones S., Grocock R., Guy J., Hall R.E., Hammond S., Harley J.L., Harrison E.S.I., Hart E.A., Heath P.D., Henderson C.D., Hopkins B.L., Howard P.J., Howden P.J., Huckle E., Johnson C., Johnson D., Joy A.A., Kay M., Keenan S., Kershaw J.K., Kimberley A.M., King A., Knights A., Laird G.K., Langford C., Lawlor S., Leongamornlert D.A., Leversha M., Lloyd C., Lloyd D.M., Lovell J., Martin S., Mashreghi-Mohammadi M., Matthews L., McLaren S., McLay K.E., McMurray A., Milne S., Nickerson T., Nisbett J., Nordsiek G., Pearce A.V., Peck A.I., Porter K.M., Pandian R., Pelan S., Phillimore B., Povey S., Ramsey Y., Rand V., Scharfe M., Sehra H.K., Shownkeen R., Sims S.K., Skuce C.D., Smith M., Steward C.A., Swarbreck D., Sycamore N., Tester J., Thorpe A., Tracey A., Tromans A., Thomas D.W., Wall M., Wallis J.M., West A.P., Whitehead S.L., Willey D.L., Williams S.A., Wilming L., Wray P.W., Young L., Ashurst J.L., Coulson A., Blocker H., Durbin R.M., Sulston J.E., Hubbard T., Jackson M.J., Bentley D.R., Beck S., Rogers J., Dunham I.Nature 429:369-374(2004)</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 170763491              |
| NCBI GeneID                      | 3448                   |
| NCBI Accession #                 | NP_002163.2            |
| NCBI GenBank Nucleotide #        | NM_002172.2            |
| UniProt Accession #              | P01570; Q5VZ56; Q7M4S1 |
| Molecular Weight                 | 21.7 kDa               |
| NCBI Official Full Name          | interferon alpha-14    |
| NCBI Official Synonym Full Names | interferon, alpha 14   |
| NCBI Official Symbol             | IFNA14                 |
| NCBI Official Synonym Symbols    | LEIF2H; IFN-alphaH     |
| NCBI Protein Information         | interferon alpha-14    |
| UniProt Protein Name             | Interferon alpha-14    |
| UniProt Gene Name                | IFNA14                 |
| UniProt Synonym Gene Names       | IFN-alpha-14; LeIF H   |
| UniProt Entry Name               | IFN14_HUMAN            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.