

Interferon alpha-21 Recombinant Protein | IFNA21 recombinant protein

Recombinant Human Interferon alpha-21

CATALOG # AAA114110	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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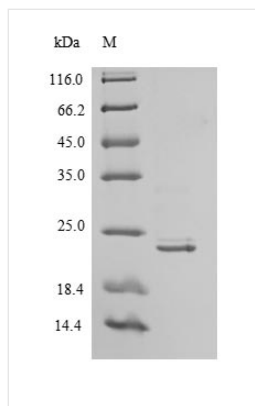
PRODUCT SYNONYMS

Interferon alpha-21; Recombinant Human Interferon alpha-21; Interferon alpha-F; LeIF F; IFNA21 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	CDLPQTHSLG NRRALILLAQ MGRISPFSC LKDRHDFGFPQ EEFDGNQFQK AQAISVLHEM IQQTFNLFST KDSSATWEQS LLEKFSTELN QQLNDLEACV IQEVGVEETP LMNVDSILAV KKYFQRITLY LTEKKYSPCA WEVVRAEIMR SFSLSKIFQE RLRRKE
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

Related Product Information for IFNA21 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 IFNA21 recombinant protein	Immunology

References	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) A new type of leukocytic interferon.Gren E.Y., Berzin V.M., Tsimanis A.Y., Apsalon U.R., Vishnevskii Y.I., Yansone I.V., Dishler A.V., Pudova N.V., Smorodintsev A.A., Iovlev V.I., Stepanov A.N., Feldmane G.Y., Meldrais Y.A., Lozha V.P., Kavsan V.M., Efimov V.A., Sverdlov E.D.Dokl. Biochem. 269:91-95(1983) Novel human leukocyte interferon subtype and structural comparison of alpha interferon genes.Gren E., Berzin V.M., Jansone I., Tsimanis A., Vishnevsky Y., Apsalons U.J. Interferon Res. 4:609-617(1984) 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., Dharni 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., Ghori 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)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	169791013
NCBI GeneID	3452
NCBI Accession #	NP_002166.2
NCBI GenBank Nucleotide #	NM_002175.2
UniProt Accession #	P01568; Q14608; Q5VWD1; Q7M4Q4
Molecular Weight	21.3 kDa
NCBI Official Full Name	interferon alpha-21
NCBI Official Synonym Full Names	interferon, alpha 21
NCBI Official Symbol	IFNA21
NCBI Official Synonym Symbols	LeIF F; leIF-F; IFN-alpha1
NCBI Protein Information	interferon alpha-21
UniProt Protein Name	Interferon alpha-21
UniProt Gene Name	IFNA21
UniProt Synonym Gene Names	IFN-alpha-21; LeIF F
UniProt Entry Name	IFN21_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.