

Interferon alpha-2 Active Protein | IFNA2 active protein

Recombinant Human Interferon alpha-2

CATALOG #
AAA114580

HOST
Mammalian Cell

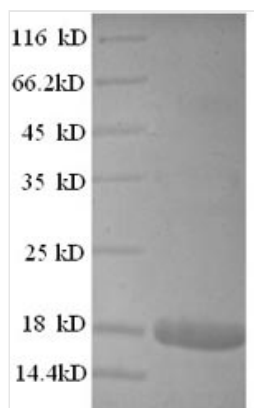
PRODUCT SYNONYMS

Interferon alpha-2; Recombinant Human Interferon alpha-2; Interferon alpha-A; LeIF A; IFNA2 active protein

PRODUCT SPECIFICATIONS

Host	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	24-188aa; Full Length
Sequence	CDLPQTHSLG SRRTLMLLAQ MRKISLFSC L KDRHDFGFPQ EEFGNQFQKA ETIPVLHEMI QQIFNLFSTK DSSAAWDETL LDKFYTELYQ QLNDLEACVI QGVGVTTETPL MKEDSILAVR KYFQRITLYL KEKKYSPCAW EVRRAEIMRS FSLSTNLQES LRSKE
Sequence Length	188
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 IFNA2 active protein	Produced by macrophages, IFN-alpha have antiviral activities.
Product Categories/Family for IFNA2 active protein	Cancer

References	Human leukocyte interferon produced by E. coli is biologically active.Goeddel D.V., Yelverton E., Ullrich A., Heyneker H.L., Miozzari G., Holmes W., Seeburg P.H., Dull T.J., May L., Stebbing N., Crea R., Maeda S., McCandliss R., Sloma A., Tabor J.M., Gross M., Familletti P.C., Pestka S.Nature 287:411-416(1980) 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 a major human leukocyte interferon gene.Lawn R.M., Gross M., Houck C.M., Franke A.E., Gray P.V., Goeddel D.V.Proc. Natl. Acad. Sci. U.S.A. 78:5435-5439(1981) Cloning of human leukocyte interferon cDNA and a strategy for its production in E. coli.Oliver G., Balbas P., Valle F., Soberon X., Bolivar F.Rev. Latinoam. Microbiol. 27:141-150(1985) A defective retroviral vector encoding human interferon alpha 2 can transduce human leukemic cell lines.Austruy E., Bagnis C., Carbuccia N., Maroc C., Birg F., Dubreuil P., Mannoni P., Chabannon C.Cancer Gene Ther. 5:247-256(1998) Heterologous expression, immunochemical and computational analysis of recombinant human interferon alpha 2b.Gull I., Samra Z.Q., Aslam M.S., Athar M.A.Springerplus 2:264-264(2013) Hanif K., Noor S., Naveed Y., Bashir B., Hussain T., Kanwal N. Intermolecular interactions in a 44 kDa interferon-receptor complex detected by asymmetric reverse-protonation and two-dimensional NOESY.Nudelman I., Akabayov S.R., Schnur E., Biron Z., Levy R., Xu Y., Yang D., Anglister J.Biochemistry 49:5117-5133(2010) The consensus coding sequences of human breast and colorectal cancers.Sjoebloom T., Jones S., Wood L.D., Parsons D.W., Lin J., Barber T.D., Mandelker D., Leary R.J., Ptak J., Silliman N., Szabo S., Buckhaults P., Farrell C., Meeh P., Markowitz S.D., Willis J., Dawson D., Willson J.K.V., Gazdar A.F., Hartigan J., Wu L., Liu C., Parmigiani G., Park B.H., Bachman K.E., Papadopoulos N., Vogelstein B., Kinzler K.W., Velculescu V.E.Science 314:268-274(2006)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11067751
NCBI GeneID	3440
NCBI Accession #	NP_000596.2
NCBI GenBank Nucleotide #	NM_000605.3
UniProt Accession #	P01563; P01564; Q14606; Q6DJX8; Q96KI6; H2DF54; H2DF55
Molecular Weight	21.2 kDa
NCBI Official Full Name	interferon alpha-2
NCBI Official Synonym Full Names	interferon, alpha 2
NCBI Official Symbol	IFNA2
NCBI Official Synonym Symbols	IFNA; INFA2; IFNA2B; IFN-alphaA
NCBI Protein Information	interferon alpha-2
UniProt Protein Name	Interferon alpha-2
UniProt Gene Name	IFNA2
UniProt Synonym Gene Names	IFNA2A; IFNA2B; IFNA2C; IFN-alpha-2; lElF A
UniProt Entry Name	IFNA2_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.