

Interferon gamma (Ifng) Recombinant Protein | Ifng recombinant protein

Recombinant Guinea Pig Interferon gamma (Ifng), partial

CATALOG # AAA116150	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Interferon gamma (Ifng); Recombinant Guinea Pig Interferon gamma (Ifng); partial; /; Ifng 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	24-166aa, Partial
Sequence	QSRFTNEIRI LKNYFNADNS DVGDNGLTFV GILKNCQEEES ERKIFQSQIV SFYFKLFEKH FTDNQTQVQNS MNTIKEQIIT KFFKDNSSNK VQAFKNLIQI SVNDEHVQRQ AIIEKKVID DLSPNQKRKR RTQMLFQSRR ASK
Species	Cavia porcellus (Guinea pig)
Relevance	Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

ADDITIONAL INFORMATION

Product Categories/Family for Ifng recombinant protein	Others
References	A high-resolution map of human evolutionary constraint using 29 mammals. Lindblad-Toh K., Garber M., Zuk O., Lin M.F., Parker B.J., Washietl S., Kheradpour P., Ernst J., Jordan G., Mauceli E., Ward L.D., Lowe C.B., Holloway A.K., Clamp M., Gnerre S., Alföldi J., Beal K., Chang J., Clawson H., Cuff J., Di Palma F., Fitzgerald S., Flicek P., Guttman M., Hubisz M.J., Jaffe D.B., Jungreis I., Kent W.J., Kostka D., Lara M., Martins A.L., Massingham T., Moltke I., Raney B.J., Rasmussen M.D., Robinson J., Stark A., Vilella A.J., Wen J., Xie X., Zody M.C., Baldwin J., Bloom T., Chin C.W., Heiman D., Nicol R., Nusbaum C., Young S., Wilkinson J., Worley K.C., Kovar C.L., Muzny D.M., Gibbs R.A., Cree A., Dihn H.H., Fowler G., Jhangiani S., Joshi V., Lee S., Lewis L.R., Nazareth L.V., Okwuonu G., Santibanez J., Warren W.C., Mardis E.R., Weinstock G.M., Wilson R.K., Delehaunty K., Dooling D., Fronik C., Fulton L., Fulton B., Graves T., Minx P., Sodergren E., Birney E., Margulies E.H., Herrero J., Green E.D., Haussler D., Siepel A., Goldman N., Pollard K.S., Pedersen J.S., Lander E.S., Kellis M. Nature 478:476-482(2011)

NCBI AND UNIPROT INFORMATION

NCBI GI #	290563205
NCBI GeneID	100379568
NCBI Accession #	NP_001166345.1

NCBI GenBank Nucleotide #	NM_001172874.1
UniProt Accession #	Q8CGS0
Molecular Weight	19,590 Da
NCBI Official Full Name	interferon gamma
NCBI Official Symbol	Ifng
NCBI Protein Information	interferon gamma
UniProt Protein Name	Interferon gamma
UniProt Gene Name	Ifng
UniProt Synonym Gene Names	IFN-gamma

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.

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Online datasheet: <https://www.aaabiotech.com/ifng-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116150>