

## Recombinant Guinea Pig Interferon gamma protein

Catalog No: #AP72265



Package Size: #AP72265-1 20ug #AP72265-2 100ug #AP72265-3 1mg

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## Description

Product Name	Recombinant Guinea Pig Interferon gamma protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-166aaSequence Info:Full Length
Accession No.	Q8CGS0
Uniprot	Q8CGS0
Calculated MW	20.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	QSRFTNEIRILKNYFNADNSDVGDNGLTFVGLKNCQEESERKIFQSQIVSFYFKLFEKHFTDNQTVQNSMNTIK EQIITKFFKDNSSNKVQAFKNLIQISVNDEHVQRQAIILKKVIDDLSPNQRKRRRTQMLFQSRRASK
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

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.

## 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., Masingham 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)Research Topic:Others

Note: This product is for in vitro research use only