

Recombinant Human Interferon alpha-14(IFNA14)

Catalog No: #AP70422

Package Size: #AP70422-1 20ug #AP70422-2 100ug #AP70422-3 1mg

Description

Product Name	Recombinant Human Interferon alpha-14(IFNA14)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-189aaSequence Info:Full Length of Mature Protein
Other Names	Interferon alpha-H
Accession No.	P01570
Calculated MW	35.7 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	CNLSQTHSLNNRRTLMMAQMRRISPFSCLKDRHDFEFPQEEFDGNQFQKAQAISVLHEMMQQTFNLFSTKN SSAAWDETLLKIFYIELFQQMNDLEACVIEVGVEETPLMNEDSILAVKKYFQRITLYLMEKKYSPCAWEVVRA EIMRSLSFSTNLQKRLRRKD
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 macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.

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)Research Topic:Immunology

Note: This product is for in vitro research use only and is not intended for use in humans or animals.