

Interferon alpha 14/IFNA14 Protein, Rhesus, Recombinant (His)

General Information

Synonyms:	interferon, alpha 14;interferon, α 14
Protein Construction:	A DNA sequence encoding the rhesus IFNA14 (XP_001107576.1) (Cys24-Asp189) was expressed with a polyhistidine tag at the C-terminus. Predicted N terminal: Cys 24
Species:	Rhesus
Expression Host:	P. pastoris (Yeast)
Accession:	XP_001107576.1
Molecular Weight:	21 kDa (predicted)

QC Testing

Biological Activity:	Measured in antiviral assay using WISH cells infected with vesicular stomatitis virus. The ED50 for this effect is 40-200pg/mL.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin:	Please contact us for more information.
Formulation:	Supplied as sterile PBS, 50% Glycerol.

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store the product under sterile conditions at -20°C to -80°C. Samples are stable for up to 12 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Reference

Lau JY,et al.(1993) Discrepancy between biochemical and virological responses to interferon-alpha in chronic hepatitis C. Lancet. 342(8881): 1208-9.

Gutterman JU. Cytokine therapeutics: lessons from interferon alpha. Proc Natl Acad Sci U S A. 91(4): 1198-205.

Kessler DS,et al.(1990) Interferon-alpha regulates nuclear translocation and DNA-binding affinity of ISGF3, a multimeric transcriptional activator. Genes Dev. 4(10): 1753-65.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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