

Rhesus IFNA14 / Interferon alpha-14 Protein (His Tag)

Catalog Number: 90107-C08Y



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

IFN-alphaH; LEIF2H; OTTMUSG00000007662

Protein Construction:

A DNA sequence encoding the rhesus IFNA14 (XP_001107576.1) (Cys24-Asp189) was expressed with a polyhistidine tag at the C-terminus.

Source: Rhesus

Expression Host: Yeast

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Bio Activity:

Measured in antiviral assay using WISH cells infected with vesicular stomatitis virus. The ED₅₀ for this effect is 40-200pg/mL.

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Cys 24

Molecular Mass:

The recombinant rhesus IFNA14 comprises 176 amino acids and has a calculated molecular mass of 21 KDa.

Formulation:

Lyophilized from sterile PBS, 50 % Glycerol.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

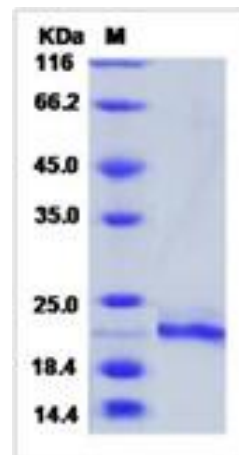
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

- 1.Lau JY, *et al.* (1993) Discrepancy between biochemical and virological responses to interferon-alpha in chronic hepatitis C. *Lancet.* 342(8881): 1208-9.
- 2.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.
- 3.Guterman JU. Cytokine therapeutics: lessons from interferon alpha. *Proc Natl Acad Sci U S A.* 91(4): 1198-205.

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