

Rhesus IFNA2 / Interferon alpha 2 Protein

Catalog Number: 90105-CNAY



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

IFNA2

Protein Construction:

A DNA sequence encoding the rhesus IFNA2 (NP_001129266.1) (Cys24-Glu188) was expressed.

Source: Rhesus

Expression Host: Yeast

QC Testing

Purity: > (40.8+52.5) % as determined by SDS-PAGE.

Bio Activity:

Measured in antiviral assay using WISH cells infected with vesicuplar stomatitis virus. The ED₅₀ for this effect is typically 1.8-7.4 pg/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 IFNA2 consists 165 amino acids and predicts a molecular mass of 19.5 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

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:

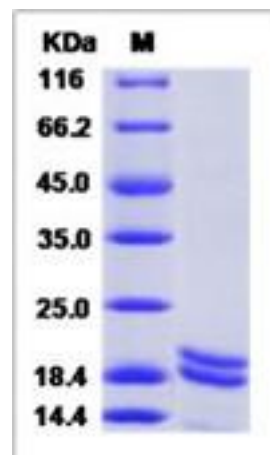
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

- 1.Wang, *et al.* (2004) Fever of recombinant human interferon-alpha is mediated by opioid domain interaction with opioid receptor inducing prostaglandin E2. *J Neuroimmunol.* 156(1-2): 107-12.
- 2.Groopman JE, *et al.* (1984) Recombinant alpha-2 interferon therapy for Kaposi's sarcoma associated with the acquired immunodeficiency syndrome. *Ann Intern Med.* 100(5): 671-6.
- 3.Krueger JM, *et al.* (1987) Interferon alpha-2 enhances slow-wave sleep in rabbits. *Int J Immunopharmacol.* 9(1): 23-30.

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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