

Cynomolgus / Rhesus IFNG / Interferon Gamma Protein

Catalog Number: 90008-CNAE



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

IFNG

Protein Construction:

A DNA sequence encoding the cynomolgus IFNG [Identical to rhesus IFNG (NP_001028077.1)] (Gln24-Gln165) was expressed and purified with an initial Met.

Source: Cynomolgus

Expression Host: E. coli

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Bio-Activity:

Measured by its binding ability in a functional ELISA.

Immobilized Cynomolgus IFNG (cat: 90008-CNAE) at 10 µg/ml (100 µl/well) can bind Cynomolgus IFNGR1-Fc (Cat:90207-C02H). The EC50 of Cynomolgus IFNGR1-Fc (Cat:90207-C02H) is 20.28-47.32 ng/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: Met

Molecular Mass:

The recombinant cynomolgus IFNG consists of 143 amino acids and has a calculated molecular mass of 16.9 kDa. It migrates as an 17 kDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

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

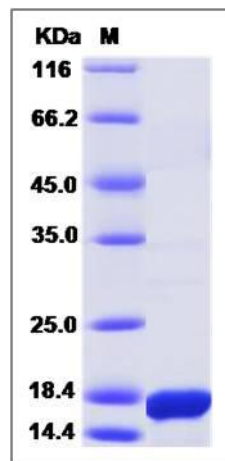
Usage Guide

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.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.

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

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