



[Go to Product page](#)

Datasheet for ABIN6699981

IFNG1-2 Protein

2 Images

Overview

Quantity:	20 µg
Target:	IFNG1-2
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Characteristics:	Type II interferon, T cell interferon, Immune Interferon, MAF
Purification:	Interferon gamma purity was determined to be greater than 95% as determined by HPLC, analysis by UV-Spectroscopy at 280nm, and by reducing and non-reducing SDS-pAGE.
Endotoxin Level:	Low endotoxin

Target Details

Target:	IFNG1-2
Alternative Name:	INF gamma (IFNG1-2 Products)
UniProt:	P01581

Application Details

Application Notes:	Application Note: Interferon-gamma Recombinant Protein is suitable as a control for polyclonal or monoclonal anti-Interferon-gamma in immunological assays. Other Performance Data: Endotoxin Level: Measured by kinetic LAL analysis and is typically ≤ 1
--------------------	---

Application Details

EU/ μ g protein. Biologic Activity: The activity is determined in a viral challenge assay using EMC virus on L929 and is typically less than 0.1 ng/mL.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 20 μ L (20-200 μ L)
Reconstitution Buffer: Restore with deionized water (or equivalent)

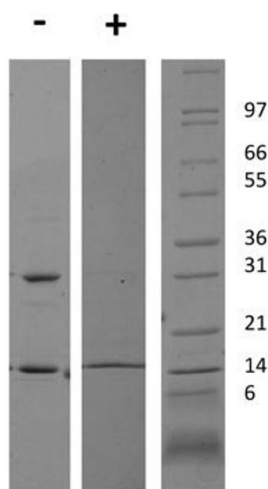
Buffer: Stabilizer: None

Preservative: Without preservative

Storage: RT, 4 $^{\circ}$ C, -20 $^{\circ}$ C

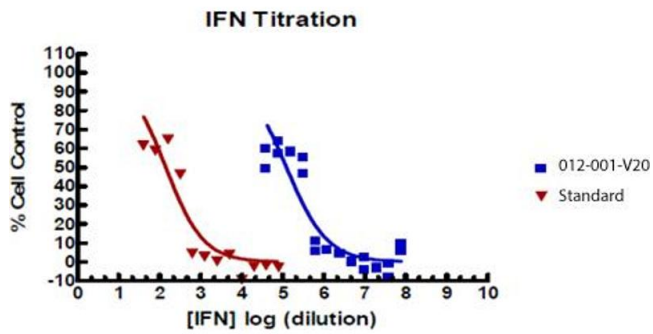
Expiry Date: 6 months

Images



SDS-PAGE

Image 1. SDS-PAGE of Rat Interferon gamma Recombinant Protein. Lane 1: 1 μ g Rat IFN gamma in non-reducing conditions. Lane 2: 1 μ g Rat IFN gamma in reducing conditions (+). Lane 3: Molecular weight marker. Rat IFN gamma has a predicted MW of 15.6 kDa.



SDS-PAGE

Image 2. SDS-PAGE of Rat Interferon gamma Recombinant Protein Bioactivity of Rat Interferon gamma Recombinant Protein. The specific activity, as determined in a viral challenge assay using EMC virus on L929 cells, is $8 \times 10^6 - 1.9 \times 10^7$ Units/mg. The corresponding ED50 is 0.125-0.05 ng/ml. This value lies within the expected range of less than 0.1 ng/ml, corresponding to a specific activity of greater than 1×10^7 units/mg.