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Datasheet for ABIN6699978

IFNG1-2 Protein

1 Image

Overview

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

Product Details

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| 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

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|-------------------|--|
| Target: | IFNG1-2 |
| Alternative Name: | INF gamma (IFNG1-2 Products) |
| UniProt: | P01580 |

Application Details

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| 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 cells and is typically less than 0.2 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)

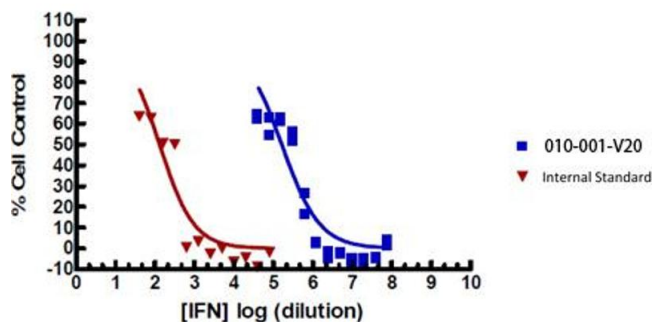
Buffer: Stabilizer: None

Preservative: Without preservative

Storage: RT, 4 °C, -20 °C

Expiry Date: 6 months

Images



SDS-PAGE

Image 1. SDS-PAGE of Mouse Interferon gamma Recombinant Protein Bioactivity of Mouse Interferon-gamma Recombinant Protein. The specific activity, as determined in a viral challenge assay using EMC virus on L929 cells, is $1.15\text{-}2.3 \times 10^7$ Units/mg. The corresponding ED50 is 0.086-0.043 ng/ml. The typical expected range of less than 0.2 ng/ml, corresponding to a specific activity of greater than 5×10^6 units/mg.