Bioactive

# IFNG (Rhesus Macaque) Recombinant Protein

Catalog # P8167 Size 50 ug

## Specification

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|---|---|
| **Product Description** | Rhesus Macaque IFNG (P63310, 24 a.a. - 165 a.a.) partial recombinant protein with His tag at N-ter minus expressed in *Escherichia coli*. |
| **Sequence** | QDPYVKEAENLKKYFNAGDPDVADNGTLFLDILRNWKEESDRKIMQSQIVSFYFKLFKNFKDDQRI QKSVETIKEDINVKFFNSNKKKRDDFEKLTNYSVTDSNVQRKAVHELIQVMAELSPAAKIGKRKRS QMFRGRRASQ |
| **Host** | Escherichia coli |
| **Theoretical MW (kDa)** | 16.8 |
| **Form** | Lyophilized |
| **Preparation Method** | *Escherichia coli* expression system |
| **Purity** | > 97% by SDS-PAGE |
| **Activity** | The $ED_{50}$ is < 20.0 ng/mL as determined by an anti-viral assay using human HeLa cells infected with encephalomyocarditis (EMC) virus, corresponding to a specific activity of > 5.0 x $10^4$ IU/mg. |
| **Recommend Usage** | Biological Activity<br>SDS-PAGE<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | Lyophilized from sterile distilled Water is > 100 ug/mL |
| **Storage Instruction** | Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Functional Study
- SDS-PAGE

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## Gene Info — IFNG

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|---|---|
| **Entrez GeneID** | 574282 |
| **Protein Accession#** | P6331- |
| **Gene Name** | IFNG |
| **Gene Alias** | IFN-gamma |
| **Gene Description** | interferon-gamma |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | - |

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