

Datasheet: PRABP002

BATCH NUMBER 168989

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|----------------------|-------------------------------------|
| Description: | RECOMBINANT RABBIT INTERFERON GAMMA |
| Name: | IFN GAMMA |
| Other names: | IFNG |
| Format: | Rec. Protein |
| Product Type: | Recombinant Protein |
| Quantity: | 5 µg |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| ELISA | ▪ | | | |
| Western Blotting | ▪ | | | |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

| | |
|---------------------------------|--|
| Target Species | Rabbit |
| Product Form | Purified recombinant protein - lyophilized |
| Reconstitution | Reconstitute with 20 µl sterile PBS containing 0.1% carrier protein Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. |
| Preparation | Recombinant protein expressed in <i>Pichia pastoris</i> and purified by ion-exchange chromatography |
| Source | <i>Pichia pastoris</i> |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 10% Trehalose |

**External Database
Links**

UniProt:

[P30123](#) [Related reagents](#)

Entrez Gene:

[100008602](#) IFNG [Related reagents](#)

Product Information **Recombinant Rabbit interferon gamma**, (IFN γ), known previously as macrophage activating factor, belongs to the type II interferon family and is produced by T lymphocytes and NK cells.

Native rabbit interferon gamma is a 167 amino acid cytokine with potent activating, anti-viral and anti-proliferative properties.

IFN γ is predominantly secreted by activated T lymphocytes in response to specific mitogens as a result of infection and has numerous immunological regulatory functions. Properties include macrophage and NK cell activation, upregulation of MHC class I and II molecules on various cells and induction of cytotoxicity.

Protein Molecular Weight 16.9 kDa

Purity >95% by SDS PAGE analysis

ELISA This reagent may be used as a standard in a sandwich ELISA assay.

Storage Prior to reconstitution store at -20°C.
After reconstitution store at -20°C.
Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10591 available at:
<https://www.bio-rad-antibodies.com/SDS/PRABP002>
10591

Regulatory For research purposes only

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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Printed on 09 Aug 2024