

Datasheet: PFP004

BATCH NUMBER 153952

Description:	RECOMBINANT CAT IFN GAMMA
Name:	IFN GAMMA
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	Cat
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
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	10% Trehalose
External Database Links	UniProt: P46402 Related reagents

Entrez Gene:

[493965](#) IFNG [Related reagents](#)

Product Information **Recombinant Cat Interferon gamma** is a recombinant protein corresponding to aa 24-167 aa of native cat interferon gamma.

IFN gamma known previously as macrophage activating factor, belongs to the type II interferon family and is produced by activated T lymphocytes and NK cells.

IFN gamma is a multipotent cytokine, has a broad range of regulatory functions during virus induced host immune response. IFN gamma promotes a Th1-type immune response in CD4+ and CD8+T cells and influences differentiation of T cells ([Ochi et al. 2008](#)).

Protein Molecular Weight 17.0 kDa

Purity >95% by SDS PAGE analysis

ELISA This reagent may be used as a standard in a sandwich ELISA assay in conjunction with [AHP2834](#) as a coating antibody and [AHP2834B](#) as a detection antibody.

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.

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/PFP004>
10591

Regulatory For research purposes only

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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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