

Datasheet: PRP27B

Description:	RECOMBINANT RAT INTERFERON GAMMA
Name:	IFN GAMMA
Other names:	INTERFERON GAMMA
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	0.1 mg

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			■	
Functional Assays	■			0.1ng/ml - 10.0ng/ml

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	Rat
Product Form	Purified recombinant protein - lyophilised
Reconstitution	Reconstitute with 100ul 5mM TRIS, pH8.0 + 100mm NaCl. PRP27B
Preparation	Recombinant protein prepared from <i>E.coli</i>
Preservative Stabilisers	None present
Endotoxin Level	<0.1ng/ug
Approx. Protein Concentrations	1.0 mg/ml
External Database Links	<p>UniProt: P01581 Related reagents</p> <p>Entrez Gene: 25712 Ifng Related reagents</p>

Product Information **Rat Interferon (IFN) gamma** is a member of the type II IFN family that possesses potent anti viral activity. IFN gamma is produced by activated lymphocytes and has been shown to activate

macrophages.

Protein Molecular Weight	15.6kDa (135 amino acid sequence)
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Activity	1 x 10 ⁷ units/mg
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Purity	>98% by SDS PAGE and HPLC analysis
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References	1. Le Texier, L. <i>et al.</i> (2014) LIMLE, a New Molecule Over-Expressed following Activation, Is Involved in the Stimulatory Properties of Dendritic Cells. PLoS One. 9(4):e93894.
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Storage	Prior to reconstitution store at +4°C. Following reconstitution store at -20°C.
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This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life	3 months from date of reconstitution.
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Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10268 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10268.pdf
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Regulatory	For research purposes only
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