

Datasheet: PMP29Z

Description:	RECOMBINANT MOUSE INTERFERON ALPHA
Name:	IFN ALPHA
Other names:	INTERFERON ALPHA
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	100000 UNITS/0.1ml

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			▪	
Functional Assays	▪			

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	Mouse
Product Form	Purified recombinant protein - liquid
Preparation	Prepared by a combination of ion exchange, hydrophobic interaction and size exclusion chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Bovine Serum Albumin
Endotoxin Level	< 1 EU/ug
Approx. Protein Concentrations	1.8 x 10 ⁶ units/ml
External Database Links	UniProt: Q61718 Related reagents
Product Information	Recombinant mouse IFN alpha expressed in <i>E. coli</i>
Protein Molecular	19.3kD

Weight

Activity 3.9 x 10⁷ units/mg

Purity >95% by SDS PAGE

References 1. Flür, K. *et al.* (2009) Viral RNA induces type I interferon-dependent cytokine release and cell death in mesangial cells via melanoma-differentiation-associated gene-5: Implications for viral infection-associated glomerulonephritis. [Am J Pathol. 175: 2014-22.](#)

Storage Store at -70°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. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life 3 months from date of despatch.

Health And Safety Information Material Safety Datasheet Documentation #10210 available at: <https://www.bio-rad-antibodies.com/uploads/MSDS/10210.pdf>

Regulatory For research purposes only

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