

Datasheet: PMP39B

Description:	RECOMBINANT MOUSE INTERLEUKIN-1 ALPHA
Name:	IL-1 ALPHA
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	10 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			▪	
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	Mouse
Product Form	Purified recombinant protein - lyophilised
Reconstitution	Reconstitute with 100 µl distilled water. 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 vortexed after reconstitution and microcentrifuged before use.
Preparation	Recombinant protein expressed in <i>E.coli</i>
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	None present
Endotoxin Level	<0.1 ng/ug
Approx. Protein Concentrations	0.1 mg/ml
External Database Links	<p>UniProt: P01582 Related reagents</p> <p>Entrez Gene: 16175 II1a Related reagents</p>

Product Information **Mouse Interleukin-1 alpha** (IL-1 alpha) is a potent immunomodulator which mediates a wide range of immune and inflammatory responses.

Protein Molecular Weight 17.9kDa (156 amino acid sequence)

Activity >5 x 10⁸ units/mg

Purity >98% by SDS PAGE and HPLC analysis

Storage Prior to reconstitution store at +4°C. Following reconstitution store at -20°C.

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.

Health And Safety Information Material Safety Datasheet Documentation #10169 available at: <https://www.bio-rad-antibodies.com/uploads/MSDS/10169.pdf>

Regulatory For research purposes only

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