

Datasheet: PMP16A

BATCH NUMBER 161115

Description:	RECOMBINANT MOUSE INTERLEUKIN-7
Name:	IL-7
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 - 1ng/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 cytokine from <i>E. coli</i> - lyophilised
Reconstitution	Reconstitute with 0.1 ml distilled water. For extended storage it is recommended to further dilute in a buffer containing 0.1% BSA. 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 IL-7 is purified by sequential chromatography
Preservative Stabilisers	None present
Carrier Free	Yes
Endotoxin Level	< 0.1 ng/ug
Approx. Protein	0.1 mg/ml

Concentrations

External Database

Links

UniProt:

[P10168](#)

[Related reagents](#)

Entrez Gene:

[16196](#)

IL7

[Related reagents](#)

Synonyms

IL-7

Product Information

Recombinant mouse IL-7 has an ED50 of 0.2ng/ml, determined in a dose response proliferation assay of murine 2E8 cells.

Protein Molecular Weight

15kDa (129 Amino acid sequence)

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10527 available at:

<https://www.bio-rad-antibodies.com/SDS/PMP16A>

10527

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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