

Datasheet: PBP025

Description:	RECOMBINANT BOVINE INTERLEUKIN-17A
Name:	IL-17A
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	▪			

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	Bovine
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
Source	<i>Pichia pastoris</i>
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	10% Trehalose
External Database Links	UniProt: Q687Y7 Related reagents

Entrez Gene:[282863](#) IL17A [Related reagents](#)

Product Information **Recombinant Bovine interleukin-17A** is a recombinant protein corresponding to aa 22 - 153 of bovine interleukin-17A (IL-17A). IL-17A is a disulfide-linked homodimer and member of the IL-17 family, secreted primarily by activated CD4⁺ T cells, which signal through the IL-17 receptor (IL-17R).

IL-17 induces a variety of target cells to secrete inflammatory cytokines, including IL-1 β , IL-6, TNF α , IFN γ and granulocyte colony-stimulating factor, as well as synergizing with other inflammatory cytokines and agonists.

Protein Molecular Weight 15.0 kDa

Purity >95% by SDS PAGE analysis

ELISA This reagent may be used as a standard in a sandwich ELISA assay in conjunction with [AHP2376](#) as a coating antibody and [AHP2376B](#) 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/PBP025>
10591

Regulatory For research purposes only

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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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