

Datasheet: PPP028

**BATCH NUMBER 163229**

|                      |                                 |
|----------------------|---------------------------------|
| <b>Description:</b>  | RECOMBINANT PIG INTERLEUKIN-17A |
| <b>Name:</b>         | IL-17A                          |
| <b>Format:</b>       | Rec. Protein                    |
| <b>Product Type:</b> | Recombinant Protein             |
| <b>Quantity:</b>     | 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](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| ELISA            | ▪   |    |                |                    |
| Western Blotting | ▪   |    |                |                    |

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.

|                                 |  |
|---------------------------------|--|
| <b>Target Species</b>           | Pig  |
| <b>Product Form</b>             | Purified recombinant protein - lyophilized   |
| <b>Reconstitution</b>           | Reconstitute with 20 µl sterile PBS containing 0.1% carrier protein<br>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. |
| <b>Preparation</b>              | Recombinant protein expressed in <i>Pichia pastoris</i> and purified by ion-exchange chromatography  |
| <b>Buffer Solution</b>          | Phosphate buffered saline  |
| <b>Preservative Stabilisers</b> | 10% Trehalose  |
| <b>External Database Links</b>  | <b>UniProt:</b><br><a href="https://www.uniprot.org/entry/Q60I29">Q60I29</a> <a href="#">Related reagents</a>  |

**Entrez Gene:**[449530](#) IL17A [Related reagents](#)

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**Synonyms** IL17

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**Product Information** **Recombinant pig interleukin-17A (IL-17A)** is a recombinant protein corresponding to aa 24-153 of native porcine IL-17A.

Native porcine IL-17A is a 17.3 kDa regulatory cytokine belonging to the IL-17 cytokine family. Porcine IL-17A is produced primarily in activated T cells and is found at high levels in porcine intestinal tissues including the jejunum and ileum. Porcine IL-17A functions in the mediation of proinflammatory and induces the production of other cytokines.

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**Protein Molecular Weight** 14.9 kDa

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**Purity** >95% by SDS PAGE analysis

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**ELISA** This reagent may be used as a standard in a sandwich ELISA assay in conjunction with [AHP2395](#) as a coating antibody and [AHP2395B](#) as a detection antibody.

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**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. Avoid repeated freezing and thawing as this may denature the protein.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10591 available at: <https://www.bio-rad-antibodies.com/SDS/PPP028>  
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**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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