

## Datasheet: PHP098

**BATCH NUMBER 165302**

<b>Description:</b>	RECOMBINANT HUMAN INTERLEUKIN-17
<b>Name:</b>	IL-17
<b>Other names:</b>	IL-17A
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	25 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	▪			
Functional Assays	▪			1 ng/ml - 2 ng/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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified recombinant protein expressed in <i>E. coli</i> - lyophilized
<b>Reconstitution</b>	Reconstitute with 25 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 mixed after reconstitution.
<b>Source</b>	E.coli
<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Endotoxin Level</b>	< 0.1 ng/ug

**Approx. Protein Concentrations** 1.0 mg/ml after reconstitution

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**External Database Links**

**UniProt:**  
[Q16552](#)    [Related reagents](#)

**Entrez Gene:**  
[3605](#)    IL17A    [Related reagents](#)

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**Synonyms** CTLA8, IL17

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**Product Information** **Recombinant Human interleukin-17** is a preparation of human interleukin-17 prepared in *E. coli*. Interleukin-17 is a disulphide-linked homodimer of two ~15.5 kDa subunits. High levels of IL-17 homodimer are produced by stimulated primary CD4 the T-cells from the peripheral blood. IL-17 is reported to enhance the expression of intracellular adhesion molecule-1 (ICAM-1) in human fibroblasts.

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**Purity** >98% by SDS PAGE and HPLC analysis

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**ELISA** PHP098 may be used as a standard in an ELISA with [AHP455G](#).

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**Western Blotting** In Western blotting PHP098 represents as a suitable positive control for use with [AHP455G](#).

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**Storage** Prior to reconstitution store at -20°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.

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**Guarantee** Guaranteed for 3 months from the date of reconstitution or until the date of expiry, whichever comes first. Please see label for expiry date.

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**Health And Safety Information** Material Safety Datasheet documentation #10527 available at: <https://www.bio-rad-antibodies.com/SDS/PHP098>  
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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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