

## Datasheet: PHP098

<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	▪			1ng/ml - 2ng/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> - lyophilised
<b>Reconstitution</b>	Reconstitute with 25 ul 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>Preservative Stabilisers</b>	None present
<b>Endotoxin Level</b>	<0.1 ng/ug
<b>Approx. Protein Concentrations</b>	1.0 mg/ml after reconstitution
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q16552</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">3605</a>   IL17A   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	CTLA8, IL17

<b>Product Information</b>	<b>Recombinant Human interleukin-17</b> is a preparation of human interleukin-17 prepared in <i>E. coli</i> . 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.
<b>Purity</b>	>98% by SDS PAGE and HPLC analysis
<b>ELISA</b>	PHP098 may be used as a standard in a sandwich ELISA with <a href="#">AHP455G</a> as the capture antibody and <a href="#">AHP455B</a> as the detection antibody.
<b>Western Blotting</b>	In Western blotting PHP098 represents as suitable positive control for use with <a href="#">AHP455G</a> or <a href="#">AHP455B</a> .
<b>Storage</b>	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.
<b>Shelf Life</b>	3 months from date of reconstitution.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10268 available at: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10268.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10268.pdf</a>
<b>Regulatory</b>	For research purposes only

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