

Datasheet: PHP098

BATCH NUMBER 165302

Description:	RECOMBINANT HUMAN INTERLEUKIN-17
Name:	IL-17
Other names:	IL-17A
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	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.

	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.

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

Approx. Protein Concentrations 1.0 mg/ml after reconstitution

External Database Links

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

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

Synonyms CTLA8, IL17

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.

Purity >98% by SDS PAGE and HPLC analysis

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

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

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.

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.

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

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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