

## Datasheet: PHP295

<b>Description:</b>	RECOMBINANT HUMAN CCL17
<b>Name:</b>	CCL17
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	10 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	▪			

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 - lyophilized
<b>Reconstitution</b>	Centrifuge vial prior to reconstitution. Reconstitute to 100 µg/ml by adding 100 µl ddH <sub>2</sub> O. 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. Do not vortex.
<b>Preparation</b>	Recombinant protein expressed in <i>E. coli</i> and purified by ion exchange chromatography
<b>Source</b>	E.coli
<b>Buffer Solution</b>	50 mM Tris-HCl, pH 8.0, 0.15 M Sodium Chloride
<b>Preservative Stabilisers</b>	1.0% Trehalose
<b>Approx. Protein Concentrations</b>	100 µg/ml after reconstitution

**External Database  
Links**

**UniProt:**

[Q92583](#)   [Related reagents](#)

**Entrez Gene:**

[6361](#)   CCL17   [Related reagents](#)

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**Synonyms**

SCYA17, TARC

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**Product Information**

**Recombinant Human CCL17**

CCL17 also known as TARC and SCYA17 is a C-C chemokine highly expressed by the thymus and other cell types, including fibroblasts ([Li et al. 2019](#)). CCL17 induces and enhances a broad spectrum of immune reactions, including some contact hypersensitivity reactions, allograft rejections, inflammatory bowel disease, atopic dermatitis and atherosclerosis ([Scheu et al. 2017](#)). Therapeutic use of antibodies to neutralize CCL17 can block influx of T cells and ameliorate the impact of various diseases ([Teplyakov et al. 2017](#)). Upregulation of CCL17 has been reported in breast cancer, and predicts a decrease in overall survival for patients with breast cancer ([Li et al. 2019](#)).

This recombinant Human CCL17 can be used to create a standard curve in a sandwich ELISA with purified Mouse anti Human CCL17 antibody, clone I02-2A4 ([MCA6180GA](#)) as the capture antibody and biotinylated Mouse anti Human CCL17 antibody, clone I11-2A1 ([MCA6181B](#)) as the detection antibody.

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**Protein Molecular  
Weight**

8.1 kDa

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**Purity**

≥90 % determined by coomassie blue staining of a reducing SDS-PAGE gel

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**Amino Acid Sequence**

MARGTNVGRE CCLEYFKGAI PLRKLKTWYQ TSEDCSRDAI VFVTVQGRAI  
CSDPNNKRVK NAVKYLQSLE RS

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**Storage**

Prior to reconstitution store at -70°C. Following reconstitution store at -80°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 #20394 available at:  
<https://www.bio-rad-antibodies.com/SDS/PHP295>  
20394

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Useful Reagents

[MOUSE ANTI HUMAN CCL17 \(MCA6180GA\)](#)

[MOUSE ANTI HUMAN CCL17:Biotin \(MCA6181B\)](#)

**North & South** Tel: +1 800 265 7376

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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://bio-rad-antibodies.com/datasheets)

'M420135:230706'

**Printed on 18 Jan 2024**

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