

## Datasheet: PHP062

<b>Description:</b>	RECOMBINANT HUMAN RANTES
<b>Name:</b>	RANTES
<b>Other names:</b>	CCL5
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	20 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	▪			0.2ng/well - 0.4ng/well
Western Blotting	▪			1.5ng/lane - 3.0ng/lane
Functional Assays	▪			10ng/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 - lyophilized
<b>Reconstitution</b>	Reconstitute with 0.2 ml 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>Preparation</b>	Purified recombinant RANTES expressed in <i>E. coli</i> .
<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Endotoxin Level</b>	< 0.1 ng/mg
<b>Approx. Protein</b>	Total protein concentration 0.1 mg/ml after reconstitution

## Concentrations

---

### External Database

#### Links

#### UniProt:

[P13501](#)    [Related reagents](#)

#### Entrez Gene:

[6352](#)    CCL5    [Related reagents](#)

---

#### Synonyms

D17S136E, SCYA5

---

#### Product Information

RANTES (regulated upon activation, normal T cell expressed and secreted), otherwise known as CCL5, is a 68 amino acid CC- chemokine which acts as a chemoattractant for monocytes, CD4+/CD45RO+ memory T cells, basophils and eosinophils, through binding to chemokine (C-C motif) receptor 1 (CCR1), CCR3 and CCR5.

---

#### Protein Molecular Weight

7.8 kDa (68 Amino acid sequence)

---

#### Purity

>98% by SDS PAGE

---

#### ELISA

PHP062 may be used as an ELISA standard for both [AHP340G](#) and [AHP340B](#).

---

#### Western Blotting

PHP062 may be used as a positive control in western blotting with either [AHP340G](#) or [AHP340B](#).

---

#### 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 #10277 available at:  
10277: <https://www.bio-rad-antibodies.com/uploads/MSDS/10277.pdf>

---

#### Regulatory

For research purposes only

---

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

**America**    Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto: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)

'M362344:200501'

Printed on 21 Mar 2022

