

## Datasheet: PRP18

<b>Description:</b>	RECOMBINANT RAT 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			■	
Functional Assays	■			50ng/ml - 100ng/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>	Rat
<b>Product Form</b>	Purified recombinant protein expressed in <i>E. coli</i> - lyophilised
<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>Preservative Stabilisers</b>	None present.
<b>Endotoxin Level</b>	<0.1 ng/ug
<b>Approx. Protein Concentrations</b>	0.1 mg/ml
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P50231</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">81780</a>   Ccl5   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Scya5

<b>Product Information</b>	RANTES (CCL5) is a chemoattractant protein acting on peripheral blood monocytes and CD4/CD45RO +ve T cells. Rat RANTES demonstrates chemotactic activity on rat peritoneal macrophages in <i>in vitro</i> assays.
<b>Protein Molecular Weight</b>	7.9kD (69 Amino acid sequence)
<b>Purity</b>	>98% by SDS PAGE and HPLC
<b>Storage</b>	Prior to reconstitution store at +4°C. Following reconstitution store at -20°C. 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

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

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