

Datasheet: PHP062

BATCH NUMBER 166837

Description:	RECOMBINANT HUMAN RANTES
Name:	RANTES
Other names:	CCL5
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	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.

	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.

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

Endotoxin Level	< 0.1 ng/mg
Approx. Protein Concentrations	Total protein concentration 0.1 mg/ml after reconstitution
External Database Links	<p>UniProt: P13501 Related reagents</p> <p>Entrez Gene: 6352 CCL5 Related reagents</p>
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, thorough 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	<p>Prior to reconstitution store at -20°C. Following reconstitution store at -20°C.</p> <p>This product should be stored undiluted.</p> <p>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.</p>
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 #10268 available at: https://www.bio-rad-antibodies.com/SDS/PHP062 10268
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

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