

Datasheet: PHP062

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 protein 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 antibody for use in their own system using appropriate positive/negative controls.

Target Species	Human
Product Form	Purified recombinant protein - lyophilised
Reconstitution	Reconstitute with 0.2ml 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 E. coli.
Preservative Stabilisers	None present
Endotoxin Level	<0.1 ng/mg
Approx. Protein Concentrations	Total protein concentration 0.1mg/ml after reconstitution

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, thorough binding to chemokine (C-C motif) receptor 1 (CCR1), CCR3 and CCR5.
Protein Molecular Weight	7.8kD (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 +4°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.
Shelf Life	3 months from date of reconstitution
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

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