

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.abdserotec.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. AbD Serotec 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	<p>UniProt: P13501 CCL5_HUMAN 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	7.8kD (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	<p>Prior to reconstitution store at +4°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>
Shelf Life	3 months from date of reconstitution
Health And Safety Information	Material Safety Datasheet Documentation #10277 available at: http://www.abdserotec.com/uploads/MSDS/10277.pdf
Regulatory	For research purposes only

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