

Datasheet: PRP18

Description:	RECOMBINANT RAT 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			■	
Functional Assays	■			50ng/ml - 100ng/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 protein for use in their own system using appropriate positive/negative controls.

Target Species	Rat
Product Form	Purified recombinant protein expressed in <i>E. coli</i> - lyophilised
Reconstitution	Reconstitute with 0.2 ml distilled water
Note	Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Serotec recommend that the vial is gently mixed after reconstitution.
Preservative Stabilisers	None present.
Endotoxin Level	<0.1 ng/ug
Approx. Protein Concentrations	0.1 mg/ml
External Database Links	<p>UniProt: P50231 CCL5_RAT Related reagents</p> <p>Entrez Gene: 81780 Ccl5 Related reagents</p>
Synonyms	Scya5
Product Information	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.
Protein Molecular Weight	7.9kD (69 Amino acid sequence)
Purity	>98% by SDS PAGE and HPLC

Storage	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.
Shelf Life	3 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet Documentation #10268 available at: http://www.abdserotec.com/uploads/MSDS/10268.pdf
Regulatory	For research purposes only

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