

Recombinant Rat RANTES

CATALOG #:	4323-20	20 µg
	4323-100	100 µg
	4323-1000	1 mg
LOT #:	_____	
SYNONYMS:	Small inducible cytokine A5, CCL5, T-cell-specific RANTES protein, SIS-delta, T cell- specific protein P228, TCP228, chemokine (C-C motif) ligand 5, SISd, SCYA5, RANTES, D17S136E, MGC17164.	
SOURCE:	<i>E. coli</i>	
PURITY:	>97% by SDS-PAGE and HPLC analyses	
ENDOTOXIN:	Endotoxin level is <0.1 ng/µg of RANTES	
MOL. WEIGHT:	7.9 kDa	
FORM:	Sterile filtered and lyophilized with no additives	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1 µg/µl. The solution can then be diluted into other aqueous buffers and store at 4°C for 1 week or -20°C for future use.	
STORAGE CONDITIONS:	The lyophilized RANTES is best-stored desiccated below 0°C. Reconstituted RANTES should be stored in working aliquots at -20°C.	
DESCRIPTION:	RANTES is a protein that has been shown to be a chemoattractant for peripheral blood monocytes. It appears to selectively attract T cells of the CD4+/CD45RO+ phenotype <i>in vitro</i> . Rat RANTES is a 7.9 kDa protein containing 69 amino acid residues.	
BIOLOGICAL ACTIVITY:	Determined by the ability to chemoattract total human lymphocytes and murine T-cells at a concentration between 1-10 ng/ml.	

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