

Recombinant Rat RANTES

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| 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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