

32-1985: Rantes His Recombinant Protein

Alternative Name : 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.

Description

Source : Escherichia Coli. Rantes Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 68 amino acids fragment (24-91) having a total molecular mass of 17.5kDa and fused with a 4.5kDa amino-terminal hexahistidine tag. The Rantes His is purified by proprietary chromatographic techniques. Regulated upon Activation, Normal T-cell Expressed, and Secreted or RANTES is an 8 kDa protein classified as a chemotactic cytokine or chemokine. It has recently been renamed CCL5. RANTES is chemotactic for T cells, eosinophils and basophils and plays an active role in recruiting leukocytes into inflammatory sites. With the help of particular cytokines (i.e. IL-2 and IFN-) that are released by T cells, RANTES also induces the proliferation and activation of certain natural killer (NK) cells to form CHAK (CC-Chemokine-activated killer) cells. It is also a HIV-suppressive factor released from CD8+ T cells. This chemokine has been localized to chromosome 17 in humans.

Product Info

Amount : 10 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : Rantes His-Tag protein is supplied in 1x PBS and 50% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

