

---

## Product Data Sheet

---

Product Name: Rantes Human, His  
Cat. No.: GP21204  
Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Formulation	Rantes His-Tag protein is supplied in 1x PBS and 50% glycerol.		

### Introduction

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- $\gamma$ ) 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.

### Stability

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.

### Background

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA