

## 32-12291: Human RANTES (CCL5)

**Gene :** CCL5  
**Gene ID :** 6352  
**Uniprot ID :** P13501  
**Alternative Name :** C-C motif chemokine 5, Eosinophil chemotactic cytokine, Small-inducible cytokine A5, T cell-specific protein P228, T-cell-specific protein RANTES

### Description

**Source:** Genetically modified E.coli.

**Predicted MW:** Monomer, 7.9 kDa (68 aa)

Regulated upon activation, normal T cell expressed and secreted (RANTES), also called CCL5, is a chemokine produced by T cells three to five days after T cell activation. RANTES signals through G protein-coupled receptors CCR5, CCR3, CCR1, and through the human CMV-encoded viral receptor US28. RANTES functions to recruit immune cells to inflammatory sites.

### Product Info

**Amount :** 20 µg / 100 µg  
**Purification :** Reducing and Non-Reducing SDS PAGE at >= 95%  
**Content :** Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)  
 Sterile water at 0.1 mg/mL  
**Storage condition :** Store at -20°C  
**Amino Acid :** SPYSSDTTPC CFAYIARPLP RAHIKEYFYT SGKCSNPAVV FVTRKNRQVC ANPEKKWVRE  
 YINSLEMS

### Application Note

**Endotoxin:** Less than 0.1 ng/Âµg (1 IEU/Âµg) as determined by LAL test.

Biological Activity was determined by THP-1 chemotaxis at <=250 ng/mL; >= NA



