

## 32-12292: Mouse RANTES (CCL5)

**Gene :** Ccl5  
**Gene ID :** 20304  
**Uniprot ID :** Q5XZF2  
**Alternative Name :** C-C motif chemokine

### 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  $\geq 95\%$   
**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  $-20^{\circ}\text{C}$   
**Amino Acid :** SPYGSDDTPC CFAYLSLALP RAHVKEYFYT SSKCSNLAVV FVTRRRNRQVC ANPEKKWVQE YINYLEMS

### Application Note

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

Biological Activity was determined by THP-1 chemotaxis. at  $\leq 250$  ng/mL. Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at  $-80^{\circ}\text{C}$  and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.



