

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/µg (1 IEU/µg) as determined by LAL test.

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



