

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

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32-12291: Human RANTES (CCL5)

 Gene :
 CCL5

 Gene ID :
 6352

 Uniprot ID :
 P13501

Alternative Name: C-C motif chemokine 5, Â Â Â Â Â Â Â Bosinophil chemotactic cytokine, Small-inducible cytokine A5, T

cell-specific protein P228, T-cell-specific protein RANTES

Description

Source: Genetically modified E.coli.

Predicted MW:Â 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%

Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic

Content: Acid (TFA)

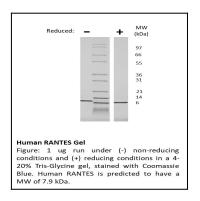
Sterile water at 0.1 mg/mL

Storage condition : Store at -20°C

Amino Acid: SPYSSDTTPC CFAYIARPLP RAHIKEYFYT SGKCSNPAVV FVTRKNRQVC ANPEKKWVRE YINSLEMS

Application Note

Endotoxin: Less than 0.1 ng/ \tilde{A} \square \hat{A} μ g (1 IEU/ \tilde{A} \square \hat{A} μ g) as determined by LAL test. Biological Activity was determined by THP-1 chemotaxis at <=250 ng/mL; >= NA





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Human RANTES Induced THP-1 Chemotaxis

30000.0
25000.0
10000.0
5000.0
0.0
0.0
1.1
1.0
100.0
1000.0
1000.0
Human RANTES (ng/mL)