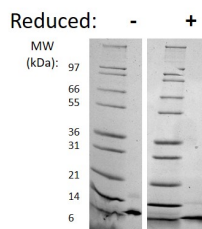


Ccl5

Recombinant Mouse/Rat RANTES, CCL5

Catalog No.	CRR002A CRR002B CRR002C CRR002D	Quantity:	5 µg 20 µg 1.0 mg 100 µg
Alternate Names:	C-C motif chemokine, Small inducible cytokine A5, Scya5		
Description:	Regulated Upon Activation Normal T cell Express Sequence (RANTES), also called CCL5, is a chemokine produced by T cells three to five days after activation. RANTES is a promiscuous chemokine that signals through several G protein-coupled receptors, CCR5, CCR3, CCR1 and US28 (a viral receptor encoded by human CMV). The main function of RANTES is to recruit immune cells to the site of inflammation. Recombinant mouse and rat RANTES is a non-glycosylated protein with 100% sequence identity.		
Gene ID:	81780		
UniProt ID:	Q5XZF2		
Source:	<i>E. coli</i>		
Molecular Weight:	7.9 kDa (68 aa)		
Formulation:	Lyophilized from a sterile filtered (0.2 µm) solution containing 0.1% Trifluoroacetic Acid (TFA).		
Purity:	≥ 95% by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	≤ 1 EU/µg by kinetic LAL analysis.		
Biological Activity:	≤ 250 ng/mL, determined by chemotaxis of THP-1 cells.		
Amino Acid Sequence:	SPYGSDTTPC CFAYLSLALP RAHVKEYFYT SSKCSNLAVV FVTRNRQVC ANPEKKWVQE YINYLEMS		
Reconstitution:	Centrifuge vial prior to opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/mL. Further dilution should include a carrier protein such as 0.1% BSA.		
Storage & Stability:	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. It is recommended that a carrier protein such as 0.1% HSA or BSA is added for long term storage. Avoid repeated freeze-thaw cycles.		





Mouse RANTES Gel

Figure: 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse RANTES has a predicted MW of 7.9 kDa.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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