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CCL22 Recombinant Human Macrophage-Derived Chemokine/CCL22

Catalog No.	CRM101A CRM101B CRM101C	Quantity:	5 μg 20 μg 1.0 mg	
Alternate Names:	A-152E5.1, ABCD-1, DC/B-CK, MDC, CC chemokine STCP-1, macrophage-derived chemokine, small inducible cytokine A22, small inducible cytokine subfamily A (Cys-Cys), member 22, stimulated T cell chemotactic protein 1			
Description:	Recombinant Human MDC is a single, non-glycosylated polypeptide chain containing 69 amino acids. Background: Macrophage-Derived Chemokine/CCL22 (MDC) is a CC chemokine that is produced in B cells, macrophages, monocyte-derived dendritic cells, activated NK cells and CD4 T cells. It signals through the CCR4 receptor. MDC chemoattracts monocytes, dendritic cells and NK cells and exerts HIV suppressive activity.			
Gene ID:	6367			
Source:	E. coli			
Molecular Weight:	8.1 kDa			
Formulation:	Lyophilized from a 0.2µm filter NaCl.	0.2µm filtered concentrated solution in 20 mM PB, pH7.4 + 500 mM		
Purity:	>97% by SDS-PAGE and HPLC analyses.			
Endotoxin Level:	ess than 1EU/µg of rHuMDC/CCL22 as determined by LAL method.			
Biological Activity:	Fully biologically active when on by a chemotaxis bioassay using -100 ng/ml.	compared to standard. The biological activity determined ing human T-lymphocytes is in a concentration range of 10		
Amino Acid Sequence:	GPYGANMEDS VCCRDYVRY ICADPRVPWV KMILNKLSQ	YR LPLRVVKHFY WTSDSCPRPG VVLLTFRDKE		
Reconstitution:	Centrifuge vial prior to open concentration of 0.1-1.0 mg/m buffered solutions.	ning. Add sterile distilled water or aqueous buffer to a nL. Further dilutions should be made in appropriate		
Storage & Stability:	Stable at 2-8°C, but best kept week at 2-8°C. For longer tern freeze/thaw cycles.	t desiccated -20°C. Upon reconstitution, stable for up to 1 m, store in working aliquots below -20°C. Avoid repeated		



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