

CCL14

Recombinant Human CCL 14

Catalog No.	CSI12304	Quantity:	10 µg
Alternate Names:	C-C motif chemokine 14, HCC-1 (1-74), Chemokine CC-1/CC-3, Small-inducible cytokine A14, SCYA14		
Description:	CCL14 is a CC chemokine that signals through the CCR1 receptor and chemoattracts blood monocytes. It is secreted by various tissues, including skeletal muscle, heart, spleen, liver, bone marrow and plasma. Mature CCL14 is found in four different forms, which are distinguished by differential N-terminal truncation and contain 74, 72, 71, or 66 amino acid residues. Recombinant Human CCL14 is a 7.8 kDa protein consisting of 66 amino acids, including the four highly conserved residues present in CC chemokines.		
UniProt ID:	Q16627		
Gene ID:	6358		
Source:	<i>E. coli</i>		
Molecular Weight:	7.8 kDa (66 aa)		
Formulation:	Lyophilized from PBS.		
Purity:	> 98% by SDS-PAGE and HPLC analyses		
Endotoxin Level:	< 1 EU/µg		
Biological Activity:	Determined by its ability to chemoattract human monocytes using a concentration range of 5 - 20 ng/ml.		
Amino Acid Sequence:	GPYHPSECCF TYTTYKIPRQ RIMDYETNS QCSKPGIVFI TKRGHSVCTN PSDKWVQDYI KDMKEN		
Reconstitution:	Centrifuge vial prior to opening. Add sterile water to the vial to a concentration of 0.1 - 1.0 mg/mL. Do not vortex. After complete solubilization of the protein, it may be further diluted with other solutions containing a carrier protein such as 0.1 % BSA.		
Storage & Stability:	The lyophilized protein is stable at -20°C to -80° for up to 1 year. Reconstituted working aliquots are stable for 1 week at 2-8°C and for 3 months at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		

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