

Recombinant CCL14 (HCC-1), biotinylated

ORDERING INFORMATION

Catalog No.	Size
50192PB-2	2ug
50192PB-10	10ug
50192PB-50	50ug
50192PB-100	100ug

BACKGROUND

CCL14, also known as Hemofiltrate CC Chemokine-1 (HCC-1) is a small cytokine (~8kDa) that is constitutively expressed in multiple tissues. Upon processing of the N-terminal residues of full-length HCC-1 by the uPA-plasmin system, the active form of HCC-1 is a strong agonist for CCR1, CCR5, and, to a lesser extent, CCR3. CCL14 causes chemotaxis of different types of leukocytes, and its active form is a potent inhibitor of HIV entry.

DESCRIPTION

Source:	Recombinant human CCL14 is produced in <i>E. coli</i> (accession no. Q16627, aa 28-93).
Modification:	Biotinylated
Protein Sequence:	GPYHPSECCFTYTTYKIPRQRIMDYETNSQCSKPGIVFITKRGHSVC TNPSDKWVQDYIKDMKEN
Molecular Mass:	10.22kDa by Mass Spec.
Purity:	>97% by SDS-PAGE
Activity:	EC50 = 0.2-0.4nM determined by Migration Assay in cells expressing CCR1.
Endotoxin Level:	<0.01 EU per 1ug of protein by LAL method.
Form:	Lyophilized.
Carrier Protein:	None.

PREPARATION AND STORAGE

Reconstitution:	Recommended at 100ug/ml in sterile distilled water.
Stability and Storage:	12 months from date of receipt, -20°C to -70°C, as supplied. 1 month, -20°C to -70°C, under sterile conditions after reconstitution. Best if used immediately after reconstitution. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in diagnostic or therapeutic procedures.