CCL13
Recombinant Human MCP4/CCL13

Catalog No.	CRM005A	**Quantity:**	5 µg
	CRM005B		20 µg
	CRM005C		1.0 mg

Alternate Names: Monocyte Chemoattractant Protein 4, Monocyte Chemotactic Protein 4, CKb10, CK-beta -10, NCC1, SCYA13, SCYL1

Description: Recombinant Human MCP4/CCL13 is a single non-glycosylated polypeptide chain containing 75 amino acids.
Background: MCP-4/CCL13 is a chemoattractant for monocytes and eosinophils, and activates basophils. In addition, it has been reported to be chemotactic for CD4+ and CD8+ T cells, with an activity almost equivalent to that of MCP-3. The bioactivities of CCL13 is most likely mediated by the CC chemokine receptors CCR-2 and CCR-3, both of which have been shown to bind CCL13.

Gene ID: 6357

Protein Accession No: NP_005399

Source: *E. coli*

Molecular Weight: 8.6 kDa

Formulation: Lyophilized from a sterile filtered solution in 20 mM PB, pH 7.4, 130 mM NaCl.

Purity: > 96% as determined by SDS-PAGE gel and HPLC analyses

Endotoxin Level: Less than 1EU/µg of rHuMCP-4/CCL13 as determined by LAL method.

Biological Activity: Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human monocytes is in a concentration of 10-100 ng/ml.

Amino Acid Sequence: QPDALNVPST CCFTFSSKKI SLQRLKSYVI TTSRCPQKAV IFRTKLGKEI CADPKEKWVQ NYMKHLGRKA HTLKT

Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions.

Storage & Stability: Stable at 2-8°C, but best kept desiccated -20°C. Upon reconstitution, stable for up to 1 week at 2-8°C. For longer term, store in working aliquots below -20°C. **Avoid repeated freeze/thaw cycles.**

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