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## 32-20280: Recombinant Human MCP-4 (CCL13)(Discontinued)

 Reactivity :
 Human, Monkey, Mouse

 Alternative Name :
 Monocyte Chemotactic Protein-4, CCL13, NCC-1

## Description

#### Source:E.coli

The MCP proteins are members of the CC chemokine family that signal through CCR2 and, with the exception of MCP-1, other CCR receptors. The MCP proteins chemoattract and activate monocytes, activated Tcells, basophils, NK cells, and immature dendritic cells. The MCP family cross-reacts across species. Recombinant Human MCP-4 is an 8.6 kDa protein containing 75 amino acid residues including the four highly conserved cysteine residues present in the CC chemokines.

### **Product Info**

 Amount :
 5 μg / 20 μg

 Purification :
 Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

 Content :
 This recombinant protein is supplied in lyophilized form.

 Amino Acid :
 QPDALNVPST CCFTFSSKKI SLQRLKSYVI TTSRCPQKAV IFRTKLGKEI CADPKEKWVQ NYMKHLGRKA HTLKT

# **Application Note**

Determined by its ability to chemoattract human monocytes using a concentration of 10.0-100.0 ng/ml.