



Recombinant Human MCP-4 (CCL13)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-068S
Size:	5 µg
Lot. No.:	According to product label

Sequence

QPDALNVPST CCFTFSSKKI SLQRLKSYVI TTSRCPQKAV
IFRTKLGKEI CADPKEKWVQ NYMKHLGRKA HTLKT

Database References

Protein RefSeq:	NP_005399
Uniprot ID:	Q99616
mRNA RefSeq:	NM_005408

Scientific Background

Gene-ID (NCBI):	6357
Synonyms:	CCL13; NCC1; CKb10; MCP-4; NCC-1; SCYL1; SCYA13

The MCP proteins belong to the CC chemokine family, and signal through CCR2 and, with the exception of MCP-1, other CCR receptors. The MCP proteins chemoattract and activate monocytes, activated T cells, basophils, NK cells, and immature dendritic cells. The MCP family cross-reacts across species. Recombinant murine MCP-2 is an 8.6 kDa protein containing 75 amino acid residues including the four highly conserved cysteine residues present in the CC chemokines.

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	75
MW:	8.6 kDa

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



AVOID REPEATED FREEZE AND THAW CYCLES!