



Recombinant Human MCP-3 (CCL7)

20200409BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-067
Size:	10 µg
Lot. No.:	According to product label

Sequence

QPVGINSTST CCYRFINKKI PKQRLESYRR TTSSHCPCREA
VIFKTKLDKE ICADPTQKWV QDFMKHLDDK TQTPKL

Database References

Protein RefSeq:	NP_006264
Uniprot ID:	P80098
mRNA RefSeq:	NM_006273

Scientific Background

Gene-ID (NCBI):	6354
Synonyms:	CCL7; FIC; MARC; MCP3; NC28; MCP-3; SCYA6; SCYA7

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 human MCP-3 is a 9.0 kDa protein containing 76 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):	76
MW:	9 kDa



AVOID REPEATED FREEZE AND THAW CYCLES!

Biological Activity: Determined by its ability to chemoattract BaF3 cells expressing human CCR2 receptor using a concentration range of 300-500 ng/ml.