



Recombinant Mouse MCP-3 (CCL7)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

| | |
|------------------|----------------------------|
| Cat.-no.: | M10-031 |
| Size: | 10 µg |
| Lot. No.: | According to product label |

Sequence

QPDGPNASTC CYVKKQKIPK RNLKSYRRIT SSRCPWEAVI
FKTKKGMEVC AEAHQKWVEE AIAYLDMKTP TPKP

Database References

| | |
|------------------------|-------------|
| Protein RefSeq: | NP_038682.1 |
| Uniprot ID: | Q03366 |
| mRNA RefSeq: | NM_013654.3 |

Scientific Background

| | |
|------------------------|-------------------------------------|
| Gene-ID (NCBI): | 20306 |
| Synonyms: | Ccl7; fic; marc; mcp3; MCP-3; 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 murine MCP-3 is an 8.5 kDa protein containing 74 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): | 74 |
| MW: | 8.5 kDa |

Biological Activity: Determined by its ability to chemoattract Balb/C mouse spleen MNCs using a concentration range of 10.0-100.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!