

Rat MCP 3 Recombinant Protein



RPPB1196

Product Information Protein Information

Product SKU:

RPPB1196

Accession:

Q9QXY8

Host:

Escherichia Coli.

Protein description:

MCP-3 Rat Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 74 amino acids and having a molecular mass of 8.5kDa. The MCP-3 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

C-C motif chemokine 7, Monocyte chemoattractant protein 3, Monocyte chemotactic protein 3, MCP-3, Small-inducible cytokine A7, Ccl7, Mcp3, Scya7.

Formulation:

MCP-3 protein was lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, 300mM NaCl, pH 7.4.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized MCP-3 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized MCP-3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MCP3 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

QPDGTSSTC CVVKKQKIPK RNLKSYRKIT SSRCPWEAVI FKTKKGMEVC AEAHQKWVEE AIAYLDMKTS TPKP.

Biological Activity:

Determined by its ability to chemoattract human peripheral blood monocytes using a concentration range of 50.0-300.0 ng/ml.