

Mouse MCP 5 Recombinant Protein



RPPB1199

Product Information Protein Information

Product SKU:

RPPB1199

Accession:

Q62401

Host:

Escherichia Coli.

Protein description:

MCP-5 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 82 amino acids and having a molecular mass of 9.3kDa. The MCP5 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

C-C motif chemokine 12, MCP-1-related chemokine, Monocyte chemoattractant protein 5, Monocyte chemotactic protein 5, MCP-5, Small-inducible cytokine A12, Ccl12, Mcp5, Scya12.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, 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 MCP5 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized CCL12 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MCP5 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:

GPDAVSTPVT CCYNVVKQKI HVRKLKSYRR ITSSQCPREA VIFRTILDKE ICADPKEKWV KNSINHLDKT SQTFILEPSC LG.

Biological Activity:

Determined by its ability to chemoattract human peripheral blood monocytes using a concentration range of 10.0-50.0 ng/ml.