

RPPB1193

Product Information Protein Information

Product SKU:

RPPB1193

Accession:

Q68AY9

Host:

Escherichia Coli.

Protein description:

MCP2 Canine Recombinant produced in E.coli is a single, non-glycosylated, polypeptide chain containing 76 amino acids and having a molecular mass of 8.8kDa. The CCL8 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

C-C motif chemokine 8, Monocyte chemoattractant protein 2, Monocyte chemotactic protein 2, MCP-2, Small-inducible cytokine A8, CCL8, MCP2.

Formulation:

MCP-2 protein was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.4.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized MCP2 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized MCP-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL8 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:

QPDSVSIPIT CCFSMVKRKI PMQKLESYMR ITNSQCPQEA VIFKTKASRE ICADPKQKWW QDYMNHLDQK SQAQKP.

Biological Activity:

The biological activity determined by a chemotaxis bioassay using human peripheral blood monocytes is in a concentration range of 10-100 ng/ml.