

Mouse MCP 2 Recombinant Protein



RPPB1192

Product Information Protein Information

Product SKU:

RPPB1192

Accession:

Q9Z121

Host:

Escherichia Coli.

Protein description:

Monocyte Chemotactic Protein-2 Mouse Recombinant produced in E.Coli is a non-glycosylated, Polypeptide chain containing 74 amino acids and having a molecular mass of 8507 Dalton. The MCP-2 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Small inducible cytokine A8, CCL8, Monocyte chemotactic protein 2, MCP-2, Monocyte chemoattractant protein 2, HC14, chemokine (C-C motif) ligand 8, MCP2, SCYA8, SCYA10, AB023418, 1810063B20Rik.

Formulation:

Lyophilized from a 0.2µm filtered concentrated (1.0mg/ml) solution in 20mM PB, pH 7.4, 150mM NaCl.

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 CCL8 in sterile 18MΩ-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:

GPDKAPVTCC FHV LK LK IPL RVLKSYERIN NIQCPMEAVV FQTKQGMSLC VDPTQKWWSE YMEILDQKSQ ILQP.

Biological Activity:

Determined by its ability to chemoattract human peripheral blood monocytes using a concentration range of 10-100ng/ml corresponding to a Specific Activity of 10,000-100,000IU/mg.