

**MCP-5**  
**Catalog # PVGS1457****Specification**

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**MCP-5 - Product Information**Primary Accession [Q62401.1](#)**Species**  
Mouse**Sequence**GPDAVSTPVT CCYNVVKQKI HVRKLKSYRR ITSSQCPREA VIFRTILDKE ICADPKEKWV KNSINHLDKT  
SQTFILPSC LG**Purity**

&gt; 98% as analyzed by SDS-PAGE.

**Endotoxin Level**

&lt; 0.2 EU/ µg, determined by LAL method.

Formulation

**Lyophilized after extensive dialysis against PBS.****Reconstitution**Reconstituted in ddH<sub>2</sub>O or PBS at 100 µg/ml.**MCP-5 - Additional Information****Target Background**

Monocyte Chemotactic Protein-5(MCP-5), also known as Chemokine (C-C motif) ligand 12(CCL12), is a small cytokine belonging to the CC chemokine family that has been characterized in mice. Due to its similarity with human chemokine MCP-1, sometimes it is called MCP-1-related chemokine. MCP-5 specifically attracts eosinophils, monocytes and lymphocytes. It can signal through the CCR2 receptor. Recombinant Mouse MCP-5/CCL1 produced in CHO cells is a polypeptide chain containing 82 amino acids. A fully biologically active molecule, rmMCP-5/CCL12 has a molecular mass of 11 kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques at .

**MCP-5 - Protein Information****MCP-5 - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **MCP-5 - Images**