

## MCP-2/CCL8 Protein, Mouse, Recombinant

### General Information

Synonyms:	Ccl8;Small-inducible cytokine A8;Monocyte chemotactic protein 2 (MCP-2);Monocyte chemoattractant protein 2;Mcp2;Scya8;C-C motif chemokine 8
Protein Construction:	24-97 aa
Species:	Mouse
Expression Host:	E. coli
Accession:	Q9Z121
Molecular Weight:	8.5 kDa (Predicted)
AA Sequence:	GPDKAPVTCCFHVLLKLIPLRVLKSYERINNIQCPMEAVVFQTKQGMSLCVDPTQKWVSEYMEILDQKSQILQ P

### QC Testing

Biological Activity:	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood monocytes is in a concentration range of 10-100 ng/ml.
Purity:	>97% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.

### Preparation and Storage

#### Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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