

## OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-858-888-7900 Fax: +1-858-888-7904 <u>US-info@acris-antibodies.com</u>

## PA1157 OriGene EU

Acris Antibodies GmbH Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

## Recombinant Murine Monocyte Chemotactic Protein-1 (CCL2)

Alternate names:	CCL2, MCP1
Catalog No.:	PA1157
Quantity:	2 µg
Concentration:	1 mg/ml
Species:	Mouse
Source:	E. coli, E.coli
Format:	<ul> <li>State: Sterile Filtered White lyophilized (freeze-dried) powder.</li> <li>Purity: &gt;99% Greater than 99.0% as determined by: <ul> <li>(a) Analysis by RP-HPLC.</li> <li>(b) Anion-exchange FPLC.</li> <li>(c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained.</li> </ul> </li> <li>Buffer System: Murine JE(MCP-1) was lyophilized from a concentrated sterile solution containing no additives.</li> <li>Endotoxin Level: Less than 0.1 ng/µg (IEU/µg) of Murine JE(MCP-1).</li> <li>Dimers: Less than 1% as determined by silver-stained SDS-PAGE gel analysis.</li> <li>Reconstitution: It is recommended to reconstitute the lyophilized Murine JE(MCP-1) in sterile 18MO-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.</li> </ul>
Description:	<ul> <li>Recombinant Murine JE(MCP-1) produced in E.Coli is a single,non-glycosylated, polypeptide chain containing 125 amino acids. Murine JE(MCP-1) is purified by proprietary chromatographic techniques.</li> <li>AA Sequence:</li> <li>The sequence of the first five N-terminal amino acids was determined and was found to be Gln-Pro-Asp-Ala-Val.</li> <li>Biological Activity: Murine JE(MCP-1) is fully biologically active when compared to standard. The Biological activity is calculated by its ability to chemoattract Balb/C mouse spleen MNCs at 1.0-20.0 ng/ml.</li> <li>Molecular weight: 13803 Dalton.</li> <li>Molecular weight: 14 kDa</li> </ul>
Add. Information:	Protein quantitation was carried out by two independent methods: 1. UV spectroscopy at 280 nm . 2. Analysis by RP-HPLC, using a calibrated solution of Murine JE(MCP-1) as a Reference Standard.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



OG/20121030

1/2

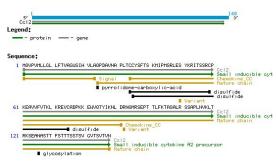
Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com



PA1157: Recombinant Murine Monocyte Chemotactic Protein-1 (CCL2)

Storage:Lyophilized Murine JE(MCP-1) although stable at room temperature for 3 weeks, should be<br/>stored desiccated below -18 C. Upon reconstitution Murine JE(MCP-1) should be stored at 4<br/>C between 2-7 days and for future use below -18 C. For long term storage it is recommended<br/>to add a carrier protein (0.1% HSA or BSA). Please avoid freeze-thaw cycles.

Pictures: PA1157ME0607



**For research and in vitro use only. Not for diagnostic or therapeutic work.** Material Safety Datasheets are available at www.acris-antibodies.com or on request. Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com



OG/20121030