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PA1157 OriGene EU

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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:	 State: Sterile Filtered White lyophilized (freeze-dried) powder. Purity: >99% Greater than 99.0% as determined by: (a) Analysis by RP-HPLC. (b) Anion-exchange FPLC. (c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained. Buffer System: Murine JE(MCP-1) was lyophilized from a concentrated sterile solution containing no additives. Endotoxin Level: Less than 0.1 ng/µg (IEU/µg) of Murine JE(MCP-1). Dimers: Less than 1% as determined by silver-stained SDS-PAGE gel analysis. 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.
Description:	 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. AA Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Gln-Pro-Asp-Ala-Val. 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. Molecular weight: 13803 Dalton. Molecular weight: 14 kDa
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.



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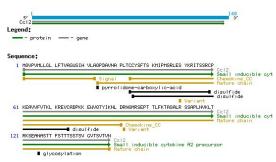
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PA1157: Recombinant Murine Monocyte Chemotactic Protein-1 (CCL2)

Storage:Lyophilized Murine JE(MCP-1) although stable at room temperature for 3 weeks, should be
stored desiccated below -18 C. Upon reconstitution Murine JE(MCP-1) 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 avoid freeze-thaw cycles.

Pictures: PA1157ME0607



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