

Recombinant Human MCP-1/CCL2

Information

Accession #	P1219
Alternate Names	AMAC-1, PARC, DC-CK1
Source	<i>Escherichia coli</i> .
Protein sequence	AQVGTNKELC CLVYTSWQIP QKFIVDYSET SPQCPKPGVI LLTKRGRQIC ADPNKKWVQK YISDLKLNA
M.Wt	7.9 kDa
Appearance	Solution protein
Stability & Storage	Avoid repeated freeze-thaw cycles. It is recommended that the protein be aliquoted for optimal storage. - 12 months from date of receipt, -20 to -70°C as supplied.
Concentration	0.1-1.0 mg/mL
Formulation	Dissolved in Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. This solution can be diluted into other aqueous buffers.
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human T-lymphocytes is in a concentration of 1.0-10 ng/ml.
Shipping Condition	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Handling	Centrifuge the vial prior to opening.
Usage	For Research Use Only! Not to be used in humans.

Quality Control

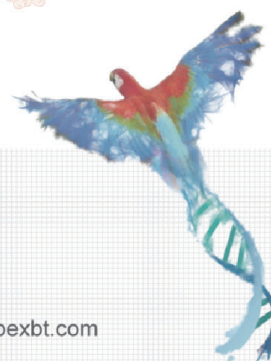
Purity	> 95%, determined by SDS-PAGE.
Endotoxin	<1 EU per 1 ug of the protein by the LAL method.

Description

人类 CCL18 由位于 17 号染色体上的 CCL18 基因编码。也称为 MIP-4，它与人类 MIP-1 α 具有 61% 的序列同一性。CCL18 主要在肺表达，一些淋巴组织如淋巴结低水平表达 CCL18。它对活化 (CD3+) T 细胞和非活化 (CD14-) 淋巴细胞具有趋化作用，但对单核细胞或粒细胞没有趋化作用。参与 B 细胞迁移至淋巴结中的 B 细胞滤泡。CCL18 在体液和细胞介导的免疫反应中发挥作用。

Reference

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- [1]. Hieshima K, Imai T, Baba M, et al. 1997. J Immunol, 159: 1140-9.
- [2]. Chenivesse C, Chang Y, Azzaoui I, et al. 2012. J Immunol, 189: 128-37.
- [3]. Azzaoui I, Yahia SA, Chang Y, et al. 2011. Blood, 118: 3549-58.
- [4]. Adema GJ, Hartgers F, Verstraten R, et al. 1997. Nature, 387: 713-7.



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