

Recombinant Human Macrophage/Monocyte Chemotactic Protein-4 (MCP-4)








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

Rev. 1.00

Catalog Number:	PHC1154
Quantity:	10 µg
Lot Number:	See product label.
Molecular Weight:	8.6 kDa, 75 amino acid residues.
Purity:	>98% as determined by SDS-PAGE and HPLC analyses.
Biological Activity:	Biological activity of recombinant human MCP-4 is determined by measuring concentration dependent chemotaxis with human blood cells. A concentration range of 10–100 ng/mL produces significant chemotaxis with human eosinophils. The optimal concentration should be determined for each specific application. MCP-4 is a β-chemokine (C-C chemokine).
Formulation:	Lyophilized, carrier-free
Endotoxin:	Endotoxin <0.1 ng/µg MCP-4.
Production:	Recombinant human MCP-4 is produced in <i>E. coli</i> and purified by sequential chromatography.
Reconstitution Recommendation:	We recommend that the vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute this protein in sterile, distilled water to a concentration of 0.1–1.0 mg/mL. Further dilutions should be made in tissue culture grade buffered solutions with heat inactivated fetal calf serum or low endotoxin BSA.
Storage:	Store lyophilized at ≤+4°C, preferably desiccated. Store reconstituted MCP-4 at –20°C in working aliquots. Avoid repeated freeze-thaw cycles.
Expiration Date:	Expires one year from date of receipt when stored as instructed.

Explanation of Symbols

The symbols present on the product label are explained below:

Symbol	Description
	Catalog Number
	Research Use Only
	Use by
	Manufacturer
	Without, does not contain
	Protect from light
	Directs the user to consult instructions for use (IFU), accompanying the product.

Symbol	Description
	Batch code
	In vitro diagnostic medical device
	Temperature limitation
	European Community authorized representative
	With, contains
	Consult accompanying documents

Limited Use Label License: Research Use Only

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For Research Use Only. Caution: Not for human or animal therapeutic or diagnostic use.

Manufacturing site: 7335 Executive Way | Frederick, MD 21704 | Toll Free in USA 800.955.6288

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