

# Recombinant Human Macrophage Inflammatory Protein-3 $\alpha$ (MIP-3 $\alpha$ )








Publication Number MAN0004458







Rev. 1.00

<b>Catalog Number:</b>	PHC1234
<b>Quantity:</b>	20 $\mu$ g
<b>Lot Number:</b>	See product label.
<b>Molecular Weight:</b>	8.0 kDa, 70 amino acid residues
<b>Purity:</b>	Recombinant human MIP-3 $\alpha$ is >98% pure as assessed by SDS-PAGE and HPLC analyses.
<b>Biological Activity:</b>	The biological activity of recombinant human MIP-3 $\alpha$ is determined by measuring concentration dependent chemotaxis with human T cells. A concentration of 10-50 ng/mL produces significant chemotaxis. The optimal concentration should be determined for each specific application. MIP-3 $\alpha$ is a $\beta$ chemokine (C-C chemokine).
<b>Formulation:</b>	Lyophilized, carrier-free. Sterile filtered prior to lyophilization.
<b>Endotoxin:</b>	Recombinant human MIP-3 $\alpha$ is >98% pure as assessed by SDS-PAGE and HPLC analyses.
<b>Production:</b>	Recombinant human MIP-3 $\alpha$ is produced in <i>E. coli</i> and purified by sequential chromatography.
<b>Reconstitution Recommendation:</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute recombinant human MIP-3 $\alpha$ 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.
<b>Storage:</b>	This lyophilized preparation is stable at 2°C to 8°C, but should be kept at –20°C for long term storage, preferably desiccated. Apportion the reconstituted preparation into working aliquots and store at –20°C. Avoid repeated freeze/thaw cycles.
<b>Expiration Date:</b>	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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Revision Date 31 May 2011

