

Recombinant Human Endothelial Interleukin-8 (NAP-1)








Publication Number MAN0003499







Rev. 2.00

Catalog Number:	PHC0084
Quantity:	25 µg
Lot Number:	See product label.
Molecular Weight:	8.9 kDa, 77 amino acid residues.
Purity:	≥98% as determined by SDS-PAGE and HPLC analyses.
Biological Activity:	The biological activity of this protein was determined by its ability to chemoattract human peripheral blood neutrophils using a concentration range of 25.0–150.0 ng/mL.
Formulation:	Lyophilized with no additives. Filtered through a 0.2 micron filter prior to lyophilization.
Endotoxin:	<0.1 ng/µg
Production:	Recombinant human IL-8 is produced in <i>E. coli</i> and purified via sequential chromatography.
Reconstitution Recommendation:	We recommend that the vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute IL-8 in water to a concentration of 0.1–1.0 mg/mL. <i>Do not vortex</i> . This solution can be stored at 2°C to 8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein, such as 0.1% BSA and store in working aliquots at –20°C to –80°C.
Suggested Working Dilutions:	The optimal concentration should be determined for each specific application by an initial dose-response assay.
Storage:	The lyophilized protein is stable at room temperature for 1 month, but should be kept at –20°C for long term storage. Working aliquots stored with a carrier protein are stable for at least 3 months at –20°C to –80°C. Avoid repeated freeze/thaw cycles.
Expiration Date:	See product label.
References:	Wang, B.N., E. Kraig, and D. Kolodrubetz (2000) Use of defined mutants to assess the role of the <i>Campylobacter rectus</i> S-layer in bacterium-epithelial cell interactions. <i>Infection and Immunity</i> 68(3):1465–1473. Horvath-Arcidiacono, J.A. and E.T. Bloom (2001) Characterization of human killer cell reactivity against porcine target cells: differential modulation by cytokines. <i>Xenotransplantation</i> 8(1):62–74.

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.

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Revision Date 16 May 2011

