

Recombinant Human Endothelial Interleukin-8

CATALOG #: 4149-25 25 µg
4149-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE
Endotoxin level is <0.1 ng per µg of IL-8.

MOL. WEIGHT: 8.9 kDa

FORMULATION: Sterile filtered and lyophilized with no additives

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1–1.0 mg/ml. The solution can be diluted into other aqueous buffers and stored at 4° C for 1 week or –20° C for future use.

STORAGE CONDITIONS:

The lyophilized human IL-8 is best-stored desiccated below 0° C. Reconstituted IL-8 should be stored at working aliquots at –20° C.

DESCRIPTION:

IL-8 is a proinflammatory CXC chemokine that can signal through the CXCR1 and CXCR2 receptors. It is secreted by monocytes and endothelial cells. IL-8 chemoattracts and activates neutrophils. Recombinant IL-8 (endothelial-derived) is a 8.9 kDa protein containing 77 amino acid residues.

BIOLOGICAL ACTIVITY:

Determined by its ability to chemoattract human peripheral blood neutrophils using a concentration range of 25 to 150 ng/ml.

FOR RESEARCH USE ONLY! Not to be used in humans.

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- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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