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**Interleukin-8**

**Human, Recombinant, *E. coli***

**Cat. No.:** RCP9275

**Size:** 10µg

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**Synonym:**

IL-8, CXCL8, Monocyte-derived neutrophil chemotactic factor, MDNCF, T-cell chemotactic factor, Neutrophil-activating protein 1, NAP-1, Protein 3-10C, Granulocyte chemotactic protein 1, GCP-1, Monocyte derived neutrophil activating peptide, MONAP, Emoctakin.

**Description:**

Interleukin-8 (IL-8) belongs to the neutrophil-specific CXC family of chemokines. It is one of the initial cytokines released from a variety of cell types, including T cells, endothelial cells and fibroblasts, in response to an inflammatory stimulus and acts by recruiting neutrophils, T-cells and basophils to the site of inflammation. Elevated Interleukin-8 levels are associated with the onset of a variety of disease states.

**RANDOX** recombinant IL-8 comprises the 77 amino acid fragment (23-99) corresponding to the mature IL-8 protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

**Form:**

Liquid.  
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

**Purity:**

Single band on Western blot.

**References:**  
**(1):** 97-101.

Baggiolini, M & Clark-Lewis I (1992) *FEBS Letters* **307**