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32-1915: IL 8 (1-77), His Recombinant Protein

Alternative Name :	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,Emo

Description

Source : Escherichia Coli. Interleukin-8 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 77 amino acids fragment (23-99) and having a total molecular mass of 13.7kDa with an amino-terminal hexahistidine tag. The IL-8 His is purified by proprietary chromatographic techniques. Interleukin-8 (IL-8) is a chemokine produced by macrophages and other cell types such as epithelial cells. It is also synthesized by endothelial cells, which store IL-8 in their storage vesicles, the Weibel-Palade bodies. When first encountering an antigen, the primary cells to encounter it are the macrophages who phagocytose the particle. Upon processing, they release chemokines to signal other immune cells to come in to the site of inflammation. IL-8 is one such chemokine. It serves as a chemical signal that attracts neutrophils at the site of inflammation, and therefore is also known as Neutrophil Chemotactic Factor.

Product Info

Amount :	50 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	IL8 His is supplied in 10mM Tris-HCl pH 8, 250mM NaCl and 50% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.