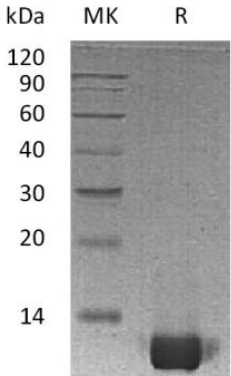


Recombinant Human IL-8 (77AA)

Catalog#:P01229 Derived from *E.coli*

DESCRIPTION	<p>Recombinant Human Interleukin-8 is produced by our <i>E.coli</i> expression system and the target gene encoding Ala23-Ser99 is expressed.</p> <p>Accession#:P10145</p> <p>Known as: Interleukin-8; IL-8; C-X-C Motif Chemokine 8; Emoctakin; Granulocyte Chemotactic Protein 1; GCP-1; Monocyte-Derived Neutrophil Chemotactic Factor; MDNCF; Monocyte-Derived Neutrophil-Activating Peptide; MONAP; Neutrophil-Activating Protein 1; NAP-1; Protein 3-10C; T-Cell Chemotactic Factor; IL8; CXCL8</p>
FORMULATION	Lyophilized from a 0.2µm filtered solution of PBS, pH 7.4.
SHIPPING	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
STORAGE	<p>Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.</p> <p>Reconstituted protein solution can be stored at 2-8°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.</p>
RECONSTITUTION	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
QUALITY CONTROL	<p>Mol Mass: 8.9kDa AP Mol Mass: 11kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.</p>
BACKGROUND	<p>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.</p>
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>SDS-PAGE</p> </div>  </div> <p>The SDS-PAGE gel shows a single prominent band in lane R at approximately 8.9 kDa, corresponding to the expected molecular weight of recombinant human IL-8. Molecular weight markers are indicated on the left at 120, 90, 60, 40, 30, 20, and 14 kDa. Lane MK is a marker lane and lane R is the sample lane.</p>	