

## 重组人白介素8(IL-8)(72aa)

IL-8, Human; Recombinant Human Interleukin 8(72aa)

Cat. No.: MA1357-1 Size: 10µg

Source: E.coli

**Description:** Recombinant Human Interleukin-8 is produced by our E.coli expression system and

the target gene encoding Ser28-Ser99 is expressed.

Accession: P10145

**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

Predicted Mol Mass: 8.45 KDa

**Apparent Mol Mass:** 10 KDa, reducing conditions

**Endotoxin:** < 1 EU/µg as determined by LAL test.

Formulation: Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

**Reconstitution:** Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than  $100 \mu g/ml$ .

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Shipping:** The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

**Storage:** Lyophilized protein should be stored at  $\leq$  -20°C, stable for one year after receipt.

Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at  $\leq$  -20°C for 3 months.

**Background:** Interleukin-8 (IL-8) belongs to the neutrophil-specific CXC family of chemokines. It is

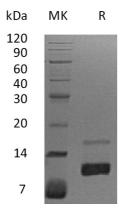
one of the initial cytokines released from a variety of cell types, including T cells, endothelial cells and fibroblasts, in response to an inflammatory stimulus and acts by recruiting neutrophils, T-cells and basophils to the site of inflammation. Elevated Interleukin-8 levels are associated with the onset of a variety of disease states.







## **Purity-SDS-PAGE:**



Greater than 95% as determined by reducing SDS-PAGE.

