

IL-8/CXCL8 (Ala23-Ser99), Human, Recombinant

Cat. No. : PCK203

General Information

Synonyms 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

Species Human

Expression host E.coli

Sequence Ala23-Ser99

Accession P10145

Mol mass 8.9 kDa

Expiration date 12 months

Product feature

Purity > 95% as determined by reducing SDS-PAGE.

Endotoxin (EU/μg) < 0.1

Storage Lyophilized protein should be stored at -5~-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 -5~-20°C for 3 months.

Shipping Ice bag

Formulation Lyophilized from a 0.2 μm filtered solution of PBS, 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 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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.