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.

SDS-PAGE

