IL-8/MDNCF/NAF/CXCL8, Human, Recombinant

Cat. No. : PCK204

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;Protein 3-10C; T-Cell Chemotactic Factor;IL8;CXCL8
Species	Human
Expression host	E.coli
Sequence	Ser28-Ser99
Accession	P10145
Mol mass	8.45 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 20 mM PB, 150 mM 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 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

