

Recombinant Human IL-8/CXCL8 Protein

Catalog No. PKSH033608

Description

Synonyms	Interleukin-8; IL-8; C-X-C Motif Chemokine 8; Emotakin; 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; GCP1;IL8 ;Interleukin-8;LECT;LUCT;LYNAP;MDNCF;MONAP;NAF;NAP-1;NAP1
Species	Human
Expression_host	E.coli
Sequence	Ala23-Ser99
Accession	P10145
Mol_Mass	8.9 kDa
AP_Mol_Mass	11 kDa

Properties

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C for 2-7 days.Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	Please refer to the printed manual for detailed information.

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

