


Human IL-8 protein

Cat #:PRP1022

Size: 10µg /50µg/100µg /1mg

Product Information

	Product Name: Human IL-8 protein		
	Reconstitution: Use the buffer provided to reconstitute the lyophilized Human IL-8 protein		
REF	Catalog Number: PRP1022	LOT	Lot Number: Refer to product label
	Purity: ≥ 98 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: Interleukin-8 (IL-8), also known as CXCL8, GCP-1, and NAP-1, belongs to the neutrophil-specific CXC family of chemokines. This chemokine is secreted by a variety of cell types including monocyte/macrophages, T cells, neutrophils, fibroblasts, endothelial cells, and various tumor cell lines in response to an inflammatory stimulus and acts by recruiting neutrophils, T-cells and basophils to the site of inflammation.

Sequence: Amino acid sequence derived from Human IL-8 isoform (P10145)(Ser28-Ser99) was expressed.

Protein length: The recombinant Human IL-8 consists of 72 amino acids (N-Met) and has a predicted molecular mass of 8 kDa. The apparent molecular mass of the Human IL-8 protein is approximately 8 kDa in SDS-PAGE under reducing conditions.

Biological Activity: Testing in progress.

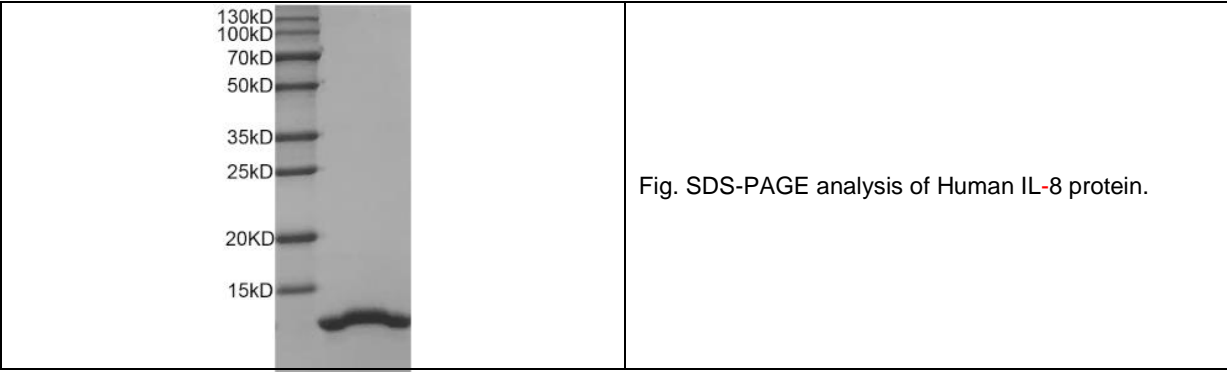
Endotoxin: < 1 EU per µg of the protein as determined by the LAL method.

Formulation: Lyophilized from sterile 20 mM Tris, 200 mM NaCl pH 7.0.

Storage Instructions: Lyophilized Human IL-8 protein product should be stored desiccated below -18°C for 12 months. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and below -18°C for 3 months. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). aliquot and store below -18°C. Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to centrifuge at 12,000 rpm for 1 minute. Then

reconstitute the lyophilized Human IL-8 protein with the buffer provided not less than 100µg/ml, which can then be further diluted with other aqueous solutions.



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