


Human IL-8 Protein, His tag (Animal-Free)

Cat #: PRP1096

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human IL-8 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1096	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: Human IL-8 (aa 28-99) predicts a molecular mass of 8.5 kDa and is the 72 amino acid residue form Ser 28 to Ser 99 of mature human IL-8. This recombinant protein is the major form secreted by macrophages. IL-8 is a chemokine produced by macrophages and other cell types such as epithelial cells, airway smooth muscle cells and endothelial cells.

Sequence: Amino acid sequence derived from Human IL-8 (Ser28-Ser99) (P10145) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human IL-8 Protein consists of 72 amino acids and predicts a molecular mass of 9.32 kDa.

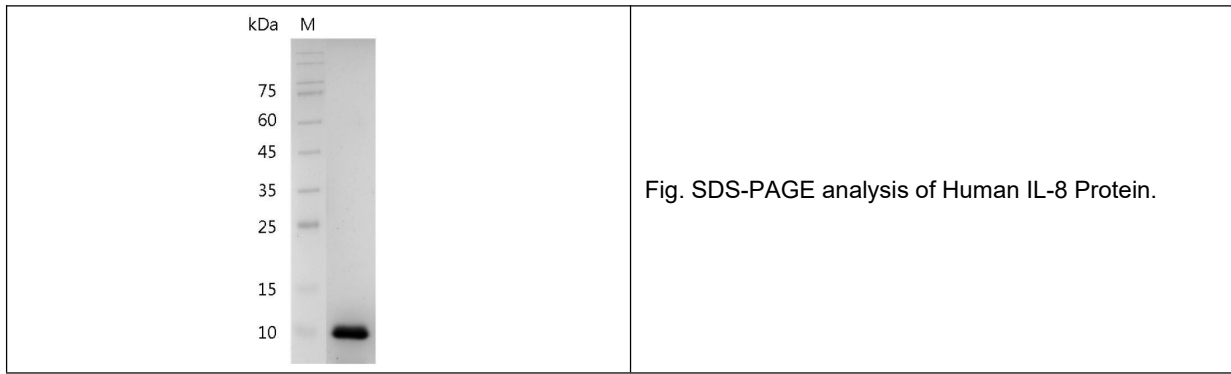
Biological Activity: Measured by its ability to chemoattract PBMC. The ED₅₀ for this effect is <2 ng/mL.

Endotoxin: < 0.1 EU per µg of the protein as determined by the LAL method.

Formulation: Lyophilized from sterile PBS, pH8.0.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA, 10%FBS or 0.1%BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.