


Human CXCL10 Protein, His tag (Animal-Free)

Cat #: PRP1097

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human CXCL10 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1097	LOT	Lot Number: Refer to product label
	Purity: > 97 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: C-X-C motif chemokine 10 (CXCL10) also named Interferon gamma-induced protein 10 (IP-10), which is a chemokine of the intercrine alpha family. CXCL10 is a 8.55kDa protein containing 77 amino acid residues. CXCL10 is produced by the several cell types like monocytes and endothelial cells, which are responded for IFN γ . CXCL10 is a chemotaxis for T cells, NK cells and macrophages. CXCL10 also binds the CXCR3 that induce the cell migration and activation like T cells and dendritic cells.

Sequence: Amino acid sequence derived from Human CXCL10 (Val22-Pro98) (P02778) was expressed with 6×His tag at the N-terminus.

Protein length: The recombinant Human CXCL10 Protein consists of 77 amino acids and predicts a molecular mass of 9.45 kDa.

Biological Activity: Measured by its ability to chemoattract human PBMCs using a concentration range of 10.0-100.0 ng/mL.

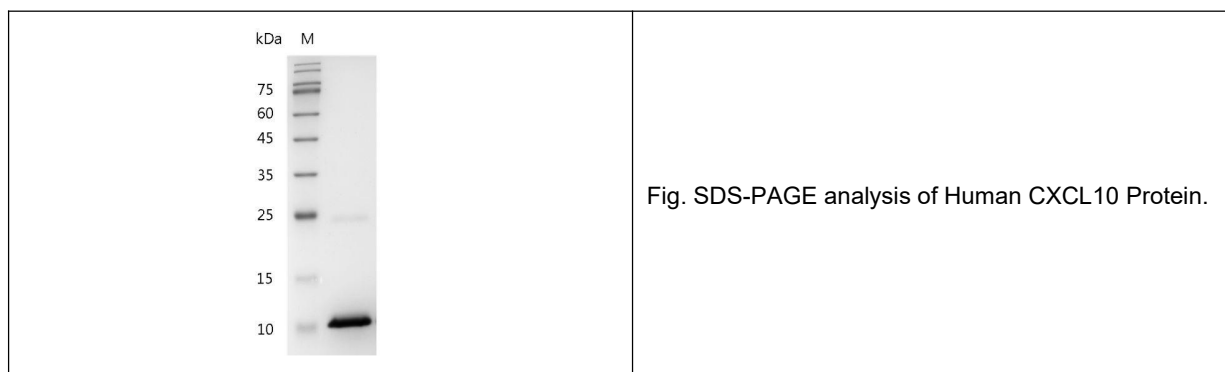
Endotoxin: < 0.1 EU per µg of the protein as determined by the LAL method.

Formulation: Lyophilized from sterile PBS, pH7.4.

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.