

Human CXCL7 Protein, His tag (Animal-Free)

Cat #: PRP1105

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human CXCL7 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1105	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: The platelet-derived protein CXCL7 is a growth factor that belongs to the alpha-chemokine family. It is released in large amounts from platelets following their activation. It stimulates various processes including mitogenesis, synthesis of extracellular matrix, glucose metabolism and synthesis of plasminogen activator.

Sequence: Amino acid sequence derived from Human CXCL7 (Ala59-Asp128) (P02775) was expressed with 6×His tag at the N-terminus.

Protein length: The recombinant Human CXCL7 consists of 70 amino acids and predicts a molecular mass of 8.43 kDa.

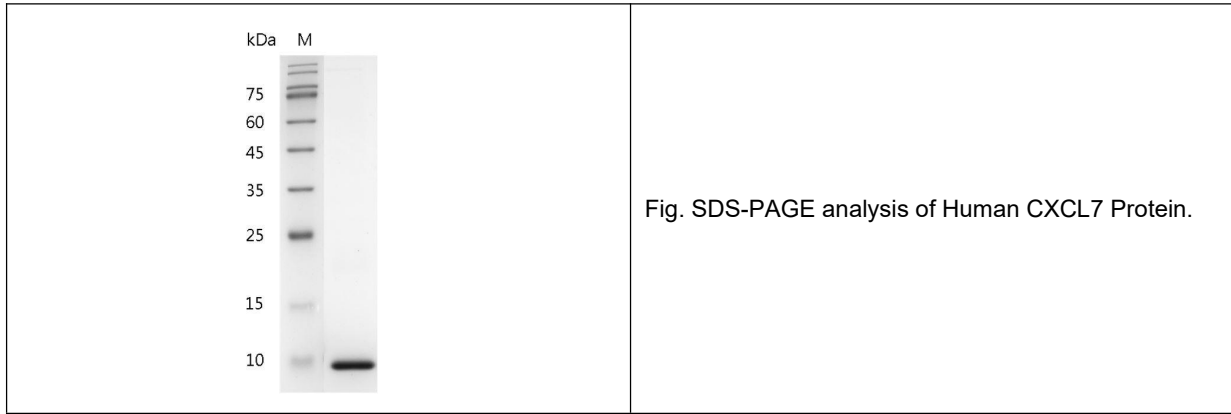
Biological Activity: Measured by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED₅₀ for this effect is <0.5 ng/mL.

Endotoxin: <0.1 EU per 1 µg of the protein by the LAL method.

Formulation: Lyophilized from 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.



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