

Human CXCL6 Protein, His tag (Animal-Free)

Cat #: PRP1072

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human CXCL6 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1072	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: CXCL6, also named as GCP-2 in human species, is a CXC chemokine derived from connective tissue. This protein can signal through the CXCR1 and CXCR2 receptors. GCP-2 is a selectively attractant of neutrophils and can also utilize anti-angiogenic activity. Human GCP-2 is found to have cross-reactivity in murine cells assay.

Sequence: Amino acid sequence derived from Human CXCL6 (Val40-Asn114) (P80162) was expressed with 6×His tag at the N-terminus.

Protein length: The recombinant Human CXCL6 consists of 75 amino acids and predicts a molecular mass of 8.97 kDa.

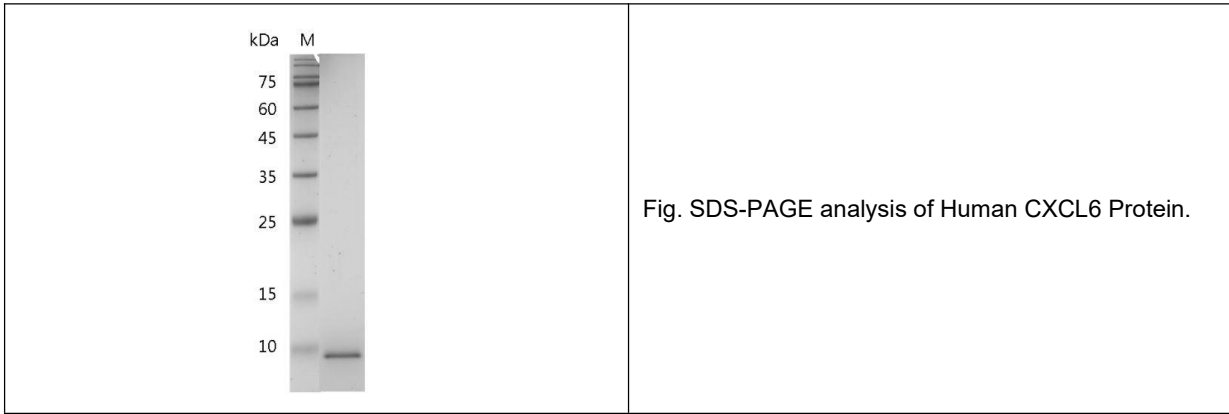
Biological Activity: Measured by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED₅₀ for this effect is <10 ng/mL.

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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