

Human CXCL3 Protein, His tag (Animal-Free)

Cat #: PRP1006

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human CXCL3 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1006	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: C-X-C motif chemokine 3 (CXCL3) also named Growth-regulated oncogene gamma (GROγ), which is a chemokine of the intercrine alpha family. CXCL3 containing 73 amino acid residues. During inflammation, CXCL3 is activated by the TNF and IL-1 which mediates the monocytes migration and adhesion by targeting the CXCR2. CXCL3 activates the JNK activity which induce the cell differentiation.

Sequence: Amino acid sequence derived from Human CXCL3 (Ala35-Asn107) (P19876) was expressed with 6×His tag at the N-terminus.

Protein length: The recombinant Human CXCL3 consists of 73 amino acids and predicts a molecular mass of 8.67 kDa.

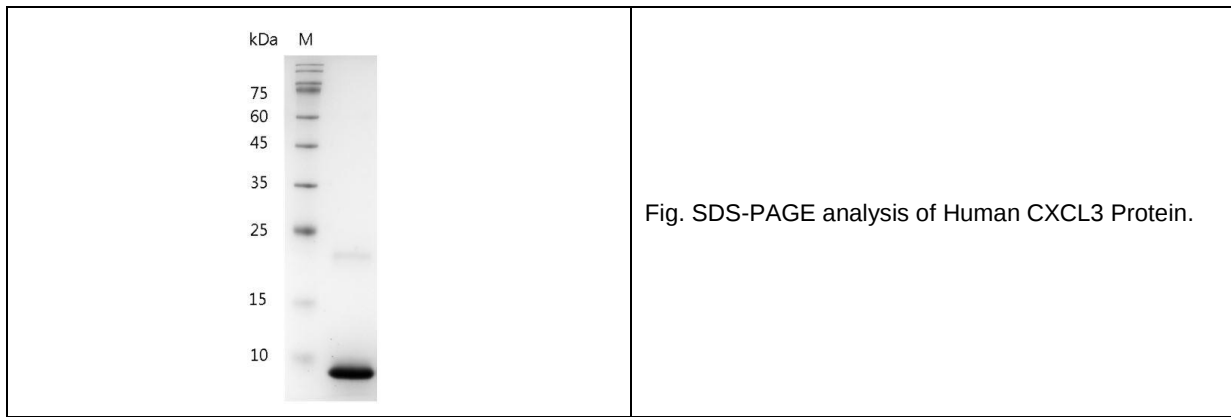
Biological Activity: Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED₅₀ for this effect is <2 ng/mL.

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

Formulation: Lyophilized from sterile PBS, pH 7.4.

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, 0.1%BSA or 5% trehalose solution). 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 sterile H₂O, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



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