


Mouse CXCL5 Protein, His tag (Animal-Free)

Cat #: PRP1190

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Mouse CXCL5 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1190	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 5 (CXCL5) also named epithelial-derived neutrophil-activating peptide 78 (ENA-78), which is a chemokine of the intercrine alpha family. CXCL5 is stimulated by the IL-1 or TNFα during inflammation which produced by the eosinophils and CXCL5 is inhibited by the IFNγ. CXCL5 promotes the formation of blood vessels and angiogenesis by binding the cell receptor CXCR2.

Sequence: Amino acid sequence derived from Mouse CXCL5 (Val45-Ala118) (P50228) was expressed with 6×His tag at the N-terminus.

Protein length: The recombinant Mouse CXCL5 consists of 74 amino acids and predicts a molecular mass of 8.92 kDa.

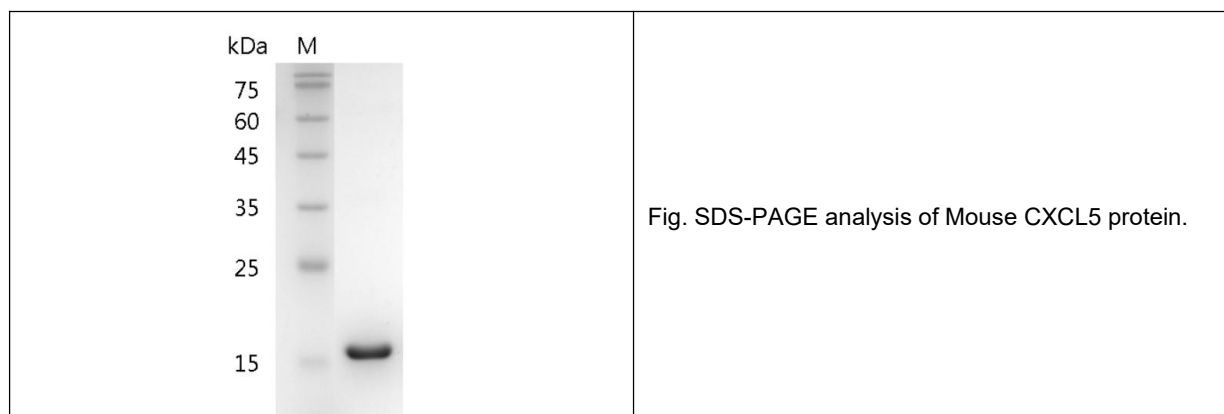
Biological Activity: Measured by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED₅₀ for this effect is <100 ng/mL.

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

Formulation: Lyophilized from 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 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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