

Mouse CXCL16 Protein, His tag (Animal-Free)

Cat #: PRP1121

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Mouse CXCL16 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1121	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 16 (CXCL16) is a chemokine of the intercrine alpha family. In mediate the innate immunity, CXCL16 is a chemotaxis for T cells and NKT cells, which expressed the CXC chemokine receptor (CXCR) 6. CXCL16 also can be enhanced the expression level by the TNF α , IL-1 and IFN γ . CXCL16 protects the host by against the gram positive and gram negative bactreials.

Sequence: Amino acid sequence derived from Mouse CXCL 16 (Asn 27-Pro 114) (Q8BSU2) was expressed with 6×His tag at the N-terminus.

Protein length: The recombinant Mouse CXCL16 consists of 88 amino acids and predicts a molecular mass of 10.74 kDa.

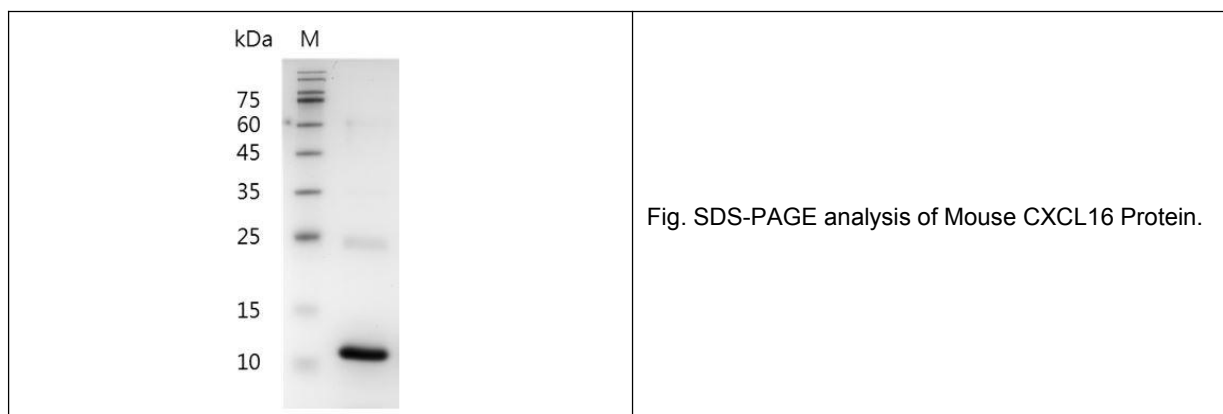
Biological Activity: Measured by its ability to chemoattract BaF3 cells transfected with mouse CXCR6. The ED₅₀ for this effect is < 3 ng/mL.

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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