


Mouse CXCL2 Protein, His tag (Animal-Free)

Cat #: PRP1192

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Mouse CXCL2 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1192	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 2 (CXCL2) also named Growth-regulated oncogene beta (GRO-β), which is a chemokine of the intercrine alpha family. CXCL2 is often expressed in immune cells such as macrophages and monocytes. CXCL2 plays an important role with immune responses and cancer progression. CXCL2 activates the cell signal transduction with casepas1 that affects the cell proliferation, differentiation and migration.

Sequence: Amino acid sequence derived from Mouse CXCL2 (Ala28-Asn100) (P10889) was expressed with 6×His tag at the N-terminus.

Protein length: The recombinant Mouse CXCL2 consists of 73 amino acids and predicts a molecular mass of 19.76 kDa.

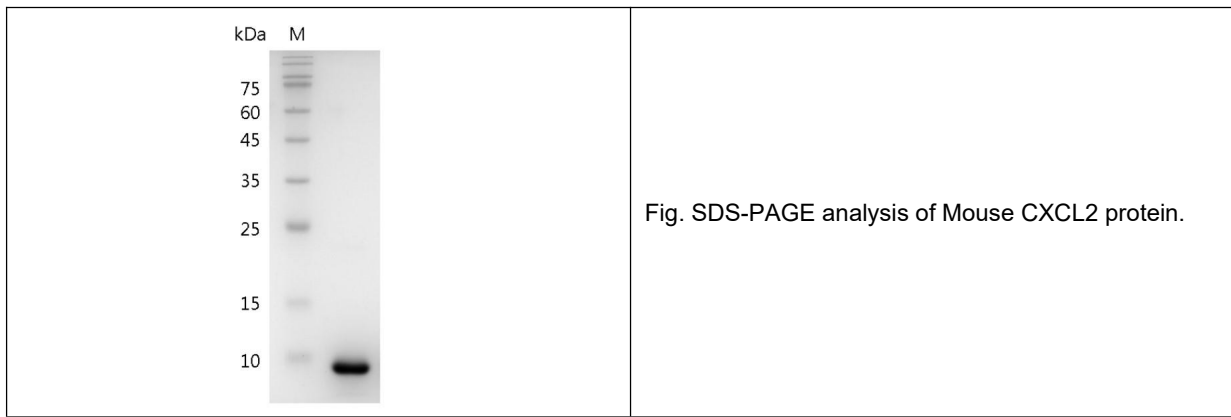
Biological Activity: Measured by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED₅₀ for this effect is <0.5 ng/mL.

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

Formulation: Lyophilized from PBS, 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 not less than 100 µg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.