


Mouse IL-19 Protein, His tag (Animal-Free)

Cat #: PRP1194

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Mouse IL-19 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1194	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: Interleukin 19 (IL-19) is a type of anti-inflammatory cytokine. It promotes the Th2 T-cell response which supports an anti-inflammatory lymphocyte phenotype, dampens the Th1 T-cell response and IFN-γ secretion, increases IL-10 expression in peripheral blood mononuclear cells, and inhibits the production of IgG from B cells.

Sequence: Amino acid sequence derived from Mouse IL-19 (Leu25-Ala176) (Q8CJ70) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Mouse IL-19 consists of 152 amino acids and predicts a molecular mass of 18.54 kDa.

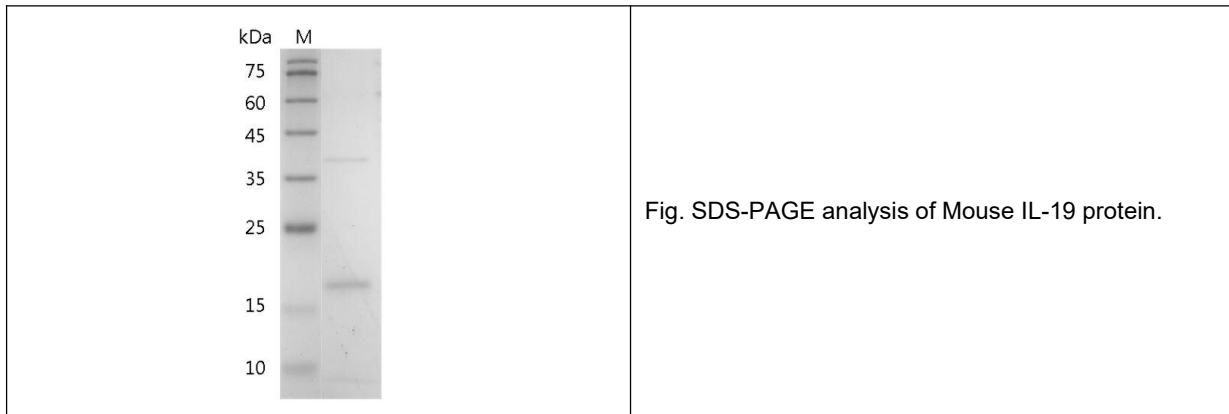
Biological Activity: Measure by its ability to induce proliferation in BaF3 cells transfected with human IL-20 R alpha and human IL-20 R beta. The ED₅₀ for this effect is <0.6 ng/mL.

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

Formulation: Lyophilized from PBS, pH 8.0.

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.



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