


Mouse BAFF Protein, His tag (Animal-Free)

Cat #: PRP1178

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Mouse BAFF Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1178	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: BAFF also known as BLYS, TALL-1 and TNFSF13B, which belongs to tumor necrosis factor family. BAFF has been demonstrated to activate the survival of B cells and the B cell response by binding to BAFFR/BR3. Additionally, BAFF also takes part in regulating B and T cell function via forming two ligands-two receptors pathway through sharing TNFSF13B/TACI and TNFSF17/BCMA receptors with APRIL.

Sequence: Amino acid sequence derived from Mouse BAFF(Ala 127-Leu 309) (Q9WU72) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Mouse BAFF consists of 183 amino acids and predicts a molecular mass of 21.56 kDa.

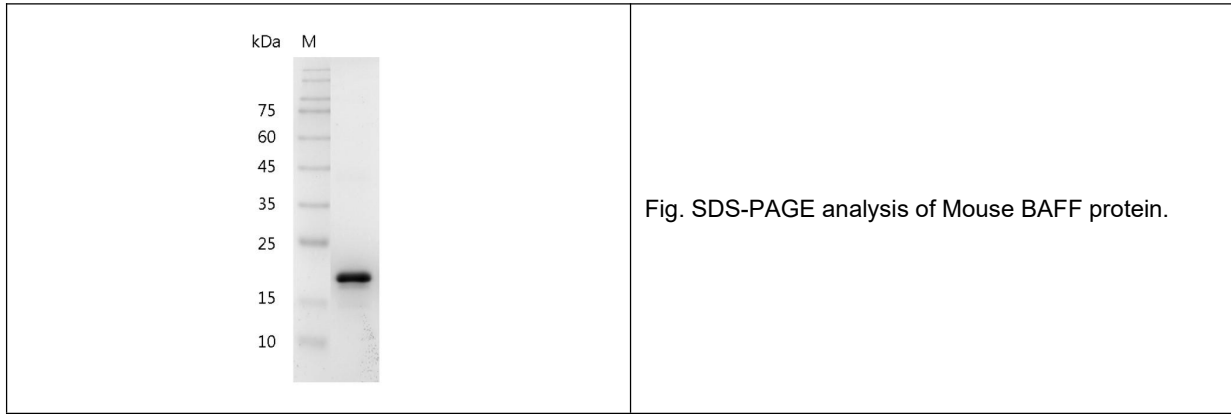
Biological Activity: Measured by its ability to induce proliferation in mouse B cells. The ED₅₀ for this effect is <0.5 ng/mL.

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 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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