


Human BAFF Protein

Cat #: PRP1035

Size: 10µg/ 50µg/ 1mg

Product Information

	Product Name: Human BAFF Protein		
REF	Catalog Number: PRP1035	LOT	Lot Number: Refer to product label
	Purity: > 99 % as determined by SDS-PAGE		
	Storage: Store at -20C		Preparation method: E. coli
	Shipping: The product is shipped at ambient temperature.		

Background: B lymphocyte stimulator (Blys), also known as TNFSF13B, CD257, and BAFF, is a one -way II membrane protein, which belongs to the tumor necrosis factor family. BAFF is expressed in large quantities in peripheral blood white cells, and is specially expressed in monocytes and macrophages. BAFF is a cellular factor that can be used as a container TNFRSF13B (TACI), TNFRSF17 (BCMA) and TNFRSF13C (BAFFR). These receptors are important factors for B cell differentiation, stability and choice. Blys level affects the survival signals and selective apoptosis of B cells that produce their own antibodies. Therefore, it is a effective B -cell activist and has been proven to play an important role in the proliferation and differentiation of B cells. Over -expression of BLYS in mice can lead to the clinical and serum characteristics of systemic lupus erythematosus (SLE) and dry syndrome (SS). Blys is an attractive treatment target in human rheumatism. Blys adjusts the size of the outer peripheral B cell area and the capacity of the library to increase the possibility of Blys and its antagonists that may constitute a three -point method. As a kind of agonist, Blys protein can enhance the immunity that is congenital or obtained immune defects, such as immune defects caused by virus infection or cancer therapy.

Sequence: Amino acid sequence derived from Human BAFF (Q9Y275-1) (Ala 134-Leu 285) was expressed.

Protein length: The recombinant Human BAFF consists of 152 amino acids with 6×His tag at N terminus and predicts a molecular mass of 22.9 kDa.

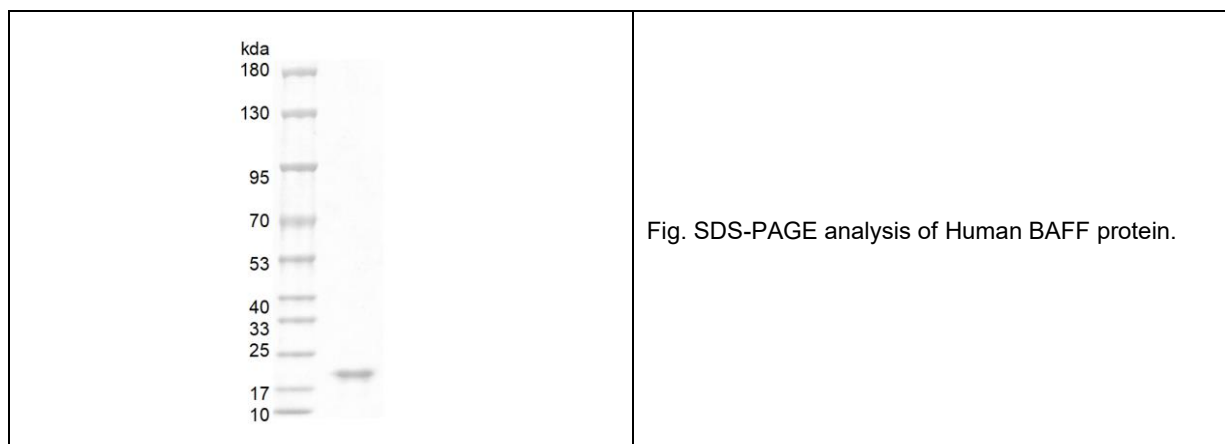
Biological Activity: Immobilized Human BAFF at 1 µg/mL (100µl/well) can bind Human BCMA (C-mFc), The EC50 of Human BCMA is 0.2 µg/mL.

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Formulation: Lyophilized from PBS, pH 7.5.

Storage Instructions: Lyophilized recombinant Human BAFF protein product should be stored desiccated below -20°C. Upon reconstitution, the protein should be stored at 4°C between 2 -7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant Human BAFF protein using the buffer we provided not less than 100µg/ml, which can then be further diluted to other aqueous solutions.



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