

Recombinant Human BAFF

CATALOG #:	4451-20	20 µg
	4451-100	100 µg
	4451-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>95% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of BAFF.	
MOL. WEIGHT:	19.335 kDa	
FORM:	Lyophilized from 0.3X PBS, pH 7.5	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers or stored at 4°C for 1 week or –20°C for future use.

STORAGE CONDITIONS:

The lyophilized BAFF is best-stored desiccated below 0°C. Reconstituted human BAFF should be stored in working aliquots at -20°C.

DESCRIPTION:

Human BAFF (for B cell activating factor belonging to the TNF family) is a newly discovered novel ligand of the TNF family. BAFF plays an important role as co-stimulator of B cell proliferation and function. Recombinant human BAFF is a soluble protein containing 153 amino acid residues + an N-terminal His-tag (MW 19.335 kDa).

BIOLOGICAL ACTIVITY:

Determined by the dose-dependent stimulation of IL-8 production by human PBMC. The ED₅₀ for this effect is less than 10 ng/ml. Please note: Results may vary with PBMC donors.

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