



## BAFF, HUMAN RECOMBINANT PROTEIN

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<b>CATALOG NUMBER:</b>	GF136	<b>QUANTITY:</b>	20 µg
<b>LOT NUMBER:</b>			
<b>ALTERNATE NAMES:</b>	B-cell Activation Factor; TALL-1; THANK; BLyS		
<b>DESCRIPTION:</b>	Human BAFF (B-cell activating factor belonging to the TNF family) is a novel ligand in the TNF family. BAFF plays an important role as co-stimulator of B-cell proliferation and function. Recombinant human BAFF is a soluble 17.0 kDa protein containing 153 amino acid residues, comprising the TNF-like extracellular domain of BAFF.		
<b>SOURCE:</b>	<i>E.coli</i>		
<b>PURITY:</b>	Greater than 98% by SDS-PAGE. Endotoxin level is less than 0.1 ng per µg (1 EU/µg) of BAFF.		
<b>ACTIVITY:</b>	Human BAFF is biologically active when compared to standards. The ED50 as determined by its dose-dependent mitogenic activity on human RPMI 8226 cells is 0.66 ng/mL.		
<b>PRESENTATION:</b>	Lyophilized from sterile filtered 0.5X PBS, pH 7.5, and 0.5 mM DTT, containing no additives.		
<b>STORAGE/HANDLING:</b>	The lyophilized powder is stable for a few weeks at room temperature, but best stored at -20°C for up to one year from date of receipt. Reconstituted material can be stored at 2°-8°C for one week, but undiluted aliquots at -20°C are recommended. Avoid repeated freeze/thaw cycles.		

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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