

Product datasheet for **TP723963**

BAFF (TNFSF13B) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human BAFF Protein, hFc Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	hFc-Glu99-Ala330+BAFF-Ala134-Leu285
Tag:	N-Human Fc
Predicted MW:	43.2 kDa
Purity:	> 95%
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization
Reconstitution Method:	Reconstitute with deionized water
Preparation:	Affinity purification
Applications:	ELISA
Storage:	Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing.
Stability:	12 months from date of despatch
Locus ID:	10673
UniProt ID:	Q9Y275
Summary:	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells. Alternatively spliced transcript variants encoding distinct isoforms have been identified.



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Product images:

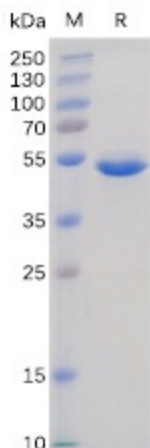


Figure 1. Human BAFF Protein, hFc Tag on SDS-PAGE under reducing condition.

Human BAFF, hFc Tagged protein ELISA

0.2 µg of BAFF, hFc Tagged protein per well

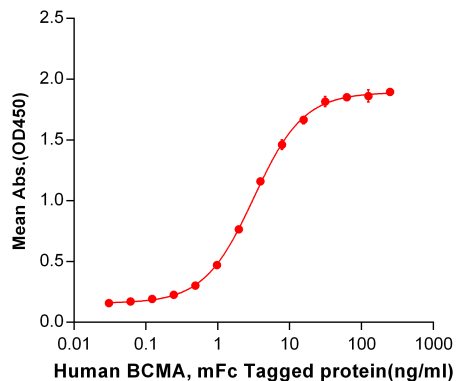


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human BAFF, hFc tagged protein (TP723963) can bind Human BCMA, mFc tagged protein ([TP723958]) in a linear range of 0.03-15.625 ng/ml.

Human BAFF, hFc Tagged protein ELISA

0.2 µg of BAFF, hFc Tagged protein per well

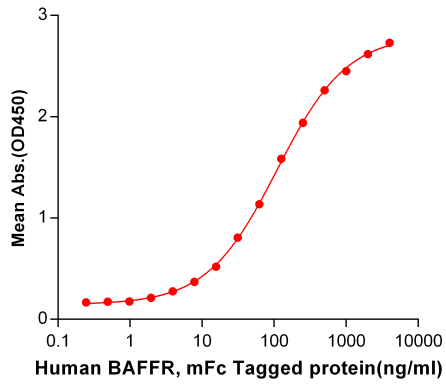


Figure 3. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human BAFF, hFc tagged protein (TP723963) can bind Human BAFF-R, mFc tagged protein ([TP723964]) in a linear range of 0.488-250.0 ng/ml.