

## 32-20019: Animal-Free Recombinant Human BAFF(Discontinued)

**Alternative Name :** B cell Activating Factor belonging to the TNF family, TNFSF13B, TNFSF20, TALL-1, BLYS, THANK, ZTNF4

### Description

**Source: E.coli**

BAFF, a member of the TNF family of ligands, is expressed in T cells, macrophages, monocytes and dendritic cells. BAFF is involved in stimulation of B and T cell function, and is an important survival and maturation factor for peripheral B cells. BAFF signals through three different TNF receptors, TACI, BCMA and BAFF-R. The human BAFF gene codes for a 285 amino acid type II transmembrane protein containing a 46 amino acid cytoplasmic domain, a 21 amino acid transmembrane domain, and a 218 amino acid extracellular domain. Recombinant Human soluble BAFF is a 152 amino acid polypeptide (17.0 kDa), which contains the TNF-like portion of the extracellular domain of BAFF.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Purity:  $\geq$  95% by SDS-PAGE gel and HPLC analyses.

**Amino Acid :** AVQGPEETVT QDCLQLIADS ETPTIQKGSY TFVPWLLSFK RGSAALEEKEN KILVKETGYF FIYGQVLYTD  
KTYAMGHLIQ RKKVHVFGDE LSLVTLFRCI QNMPETLPNN SCYSAGIAKL EEGDELQLAI PRENAQISLD  
GDVTFFGALK LL

### Application Note

Determined by a mouse splenocyte survival assay. The expected ED50 for this effect is 0.5-2.0 µg/ml.