

Product datasheet for **TP750018**

BAFF (TNFSF13B) (NM_006573) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human soluble BAFF (TNFSF13B) produced in E. coli.
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region (Ala134-Leu285) of human soluble BAFF
Tag:	N-His
Predicted MW:	19.2 kDa
Concentration:	Resuspend the protein to the desired concentration in proper buffer.
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a sterile solution containing 20 mM PB, pH 7.4
Endotoxin:	< 0.1 EU per 1 µg of the protein by the LAL
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006564
Locus ID:	10673
UniProt ID:	Q9Y275 , A0A0U5J7Q1
RefSeq Size:	2675
Cytogenetics:	13q33.3
RefSeq ORF:	855
Synonyms:	BAFF; BLYS; CD257; DTL; TALL-1; TALL1; THANK; TNFSF20; TNLG7A; ZTNF4



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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. [provided by RefSeq, Mar 2011]

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways:

Cytokine-cytokine receptor interaction

Product images: