

Product datasheet for **TP723025**

BAFF (TNFSF13B) (NM_006573) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B), transcript variant 1.
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	AVQGPEETVT QDCLQLIADS ETPTIQKGSY TFVPWLLSFK RGSALEEKEN KILVKETGYF FIYGQVLYTD KTYAMGHLIQ RKKVHVFGDE LSLVTLFRCI QNMPETLPNN SCYSAGIAKL EEGDELQLAI PRENAQISLD GDVTFFGALK LL
Tag:	Tag Free
Predicted MW:	17 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by a mouse splenocyte survival assay. The expected ED50 for this effect is 0.5-2.0 ug/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
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: