

Product datasheet for **TP723868**

Tnfsf13b (NM_033622) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tumor necrosis factor (ligand) superfamily, member 13b (BAFF / Tnfsf13b)
Species:	Mouse
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	Mouse BAFF, the region of Ala127-Leu309, from gene Accession# NM_033622
Tag:	Tag Free
Predicted MW:	22.8 kDa
Concentration:	lot specific
Purity:	>95%, as determined by Coomassie stained SDS-PAGE.
Buffer:	1 x PBS, pH 6.5
Bioactivity:	The ED50 is 0.5 - 3 ng/ml, corresponding to a specific activity of 0.33 - 2.0 x 10 ⁶ units/mg, determined by the dose dependent stimulation of B cells proliferation.
Endotoxin:	Less than 1 EU per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_296371
Locus ID:	24099
UniProt ID:	Q9WU72 , Q3KP92
RefSeq Size:	1710
Cytogenetics:	8 4.55 cM
RefSeq ORF:	930
Synonyms:	BAFF; BlyS; D8Erttd387e; TALL-1; TALL1; THANK; TNFSF20; Tnlg7a; zTNF4



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Summary:

Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B- and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.[UniProtKB/Swiss-Prot Function]

Product images: