

Specifications:

Gene:	<i>mTnfsf13b</i>
Accession:	NP_296371
Insert size:	943bp
Concentration:	10µg at 0.2µg/µL

***m*BAFF/TNFSF13B**
cDNA Plasmid

Tnfsf13b tumor necrosis factor (ligand) superfamily, member 13b [*Mus musculus* (house mouse)]

Also known as: BAFF; BLyS; TALL1; THANK; zTNF4; TALL-1; Tnlg7a; TNFSF20; D8Ertd387e

Summary:

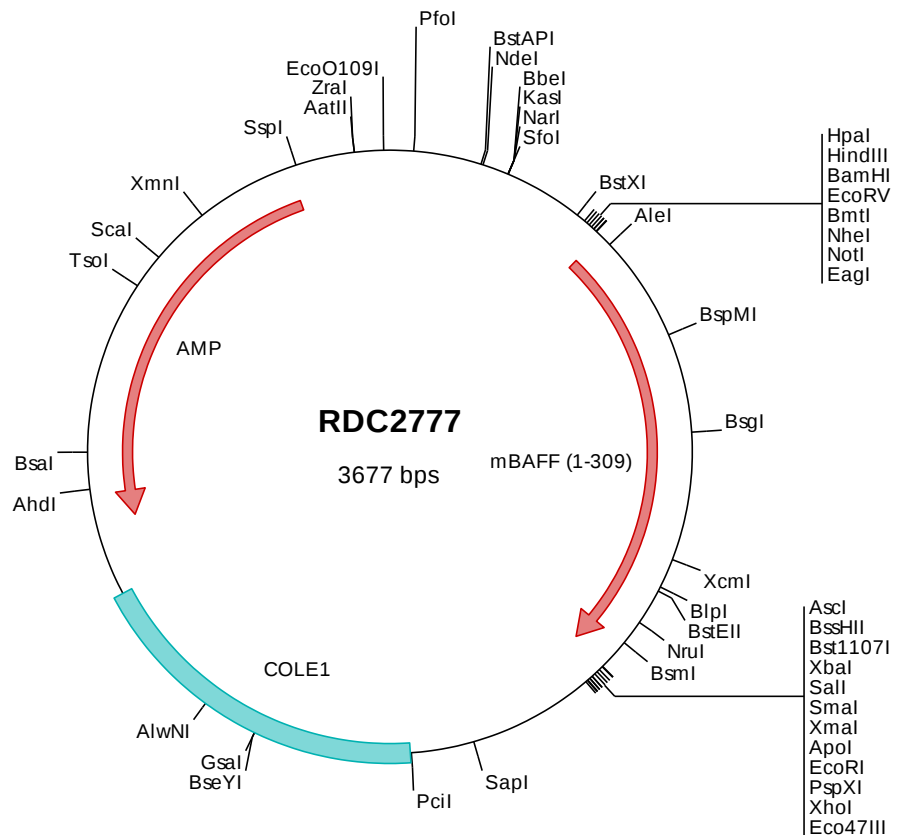
BAFF is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. It is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. BAFF is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2777 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcaggggcgc tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgtcg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaaat
401  ggagacgtgt taacaagctt ggtccgata tcgctagcgc ggcgcgcacc atggatgagt ctgcaaaagac cctgccacca ccgtgcctct gtttttgctc
501  cgagaaagga gaagatatga aagtgggata tgatcccatc actcgcgaga aggaggaggg tgcttggttt gggatctgca gggatggaag gctgctggct
601  gtacccctcc tgctggccct gttgtccagc agtttcacag cgatgtcctt gtaccagtgt gctgccttgc aagcagacct gatgaacctg cgcattggagc
701  tgcaagagcta ccgaggttca gcaacaccag ccgcgcgggg tgctccagag ttgaccgctg gagtcaaaact cctgacaccc gcagctcctc gacccacaa
801  ctccagcgcg gccacacagga acagacgcgc tttccaggga ccagaggaaa cagaacaaga ttagacctc tcagctcctc ctgcacctg cctgcctgga
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1301 agcttgcact ccctcgggag aatgcacaga tttcacgcga cggagatgac acctctcttg gtgccctaaa actgctgtaa agcgcgcgca gtatactcta
1401  gactgcacac ccggggaatt cctcagcgc tcgtctctag cttggcgtaa tcatggtcat agctgtttcc tgtgtgaaat tgttatccgc tcacaattcc
1501  acacaacata cgagccggaa gcataaagtg taaagcttg ggtgcctaat gactgagcta actcacatta attgcgttgc gctcactgcc cgtcttccag
1601  tcgggaaacc tgcgtgtcca gctgcattaa tgaatcgcc aacgcgcgg gagagcggt tgctgtattg ggcgctcttc cgtctcctcg ctcaactgact
1701  cgctgcgctc ggtcgttcgg ctgcgcgag cggtatcagc tcaactcaag cgggtaatac ggttatccac agaatoaggg gataacgcag gaaagaacat
1801  gtgagcaaaa ggccagcaaa aggccaggaa ccgtaaaaaa gccgcgttgc tggcgttttt ccataggctc cgccccctg acagacatca caaaaatcga
1901  cgctcaactc agaggttgcc aaaccgcaca gactataaaa gataccagac gtttccccct tctgtccctc tcgtgcgctc tctgttccgc accctgccgc
2001  ttaccggata cctgtccgcc tttctccctt cgggaagcgt ggcgctttct caatgctcac gctgtaggta tctcagttcg gtgtaggctg ttcgctccaa
2101  gctgggctgt gtgcacgaac cccccgttca gccgcacgc tgccctttat ccggttaacta tctgtttgag tccaaccccg taagacacga cttatcgcca
2201  ctggcagcag ccactggtaa caggattagc agagcgaggt atgtaggcgg tgctacagag ttcttgaagt ggtggcctaa ctacggctac actagaagga
2301  cagtatttgg tatctgcgct ctgctgaagc cagttacctt cggaaaaaga gttggtagct cttgatcccg caaacaacc accgctggta gcggtggttt
2401  ttttgtttg aagcagcaga ttacgcgcag aaaaaaagga tctcaagaag atcctttgat cttttctacg ggtgtctgag ctcaagtga cgaaaactca
2501  cgttaaggga ttttggctat gagattatca aaaaggatct tcacctagat ccttttaaat taaaaatgaa gttttaaatc aatctaaagt atatatgagt
2601  aaacttggtc tgacagttac caatgcttaa tcagtgaagg acctatctca gogactgtgc tatttcgttc atccatagtt gcctgactcc ccgtcgtgta
2701  gataactacg atacgggagg gcttaccatc tggccccagt gctgcaatga tacccgcgaga cccacgctca cgggctccag atttatcagc aataaaccag
2801  ccagccggaa gggccgagcg cagaagtgtt cctgcaactt tatccgcctc catccagctc attaattgtt gccgggaagc tagagtaagt agttcgccag
2901  ttaatagttt gcgcaacggt gttgccattg ctacaggcat cgtggtgtca cgtcgtcgt ttggtatggc ttcattcagc tccggttccc aacgatcaag
3001  gcgagttaca tgatccccc tgttgtgcaa aaaagcgttt agctccttcg gtccctcgat cgttgtcaga agtaagtggg ccgcagtggt atcaactcat
3101  gttatggcag cactgcataa tttcttact gtcattgccat ccgtaagatg cttttctgtg actggtgagt actcaaccaa gtcattctga gaatagtgt
3201  tgccggcgacc gattgtctct tgcccgcgct caatacggga taataccgcg ccacatagca gaactttaa agtgctcatc attggaaaac gttcttcggg
3301  gcgaaaaact tcaaggatct tacgcgtgtt gagatccagt tcgatgtaac cactcgtgc acccaactga tcttcagcat cttttacttt caccagcgtt
3401  tctgggtgag caaaaacagg aaggcaaaat gccgcaaaaa agggaataag ggcgacacgg aaatgttgaa tactcatact cttccttttt caatattatt
3501  gaagcattta tcagggttat tgtctcatga gcggatacat atttgaatgt atttagaaaa ataaacaaat aggggttccg cgcacatttc cccgaaaaat
3601  gccacctgac gtctaagaaa ccattattat catgacatta acctataaaa ataggcgtat cagaggcccc tttcgtc

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> RDC2777 Translated Insert Sequence

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1   mdesaktlpp pclcfcksek edmkvgydpi tpqkeegawf gicordgrlla atllllallss sftamslyql aalqadlmnl rmlqsyrgs atpaaagape
101  ltagvklitp aaprphnssr ghrnrfafig peeteqdvdll sappapclpg crhsqhddng mnlrniidc lqliadsdtp tirkgttytfv pwllsfkrng
201  aleekenkiv vrqtgyffiy sqvlytdpif amghviqrkk vhwfgedelsl vtlfrciqnm pktlpnnscy sagiarleeg deiqlaipre naqisrngdd
301  tffgalkll

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