

## Specifications:

Gene:	rTNFRSF17
Accession:	NP_001099231
Insert size:	567bp
Concentration:	10µg at 0.2µg/µL

## 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.

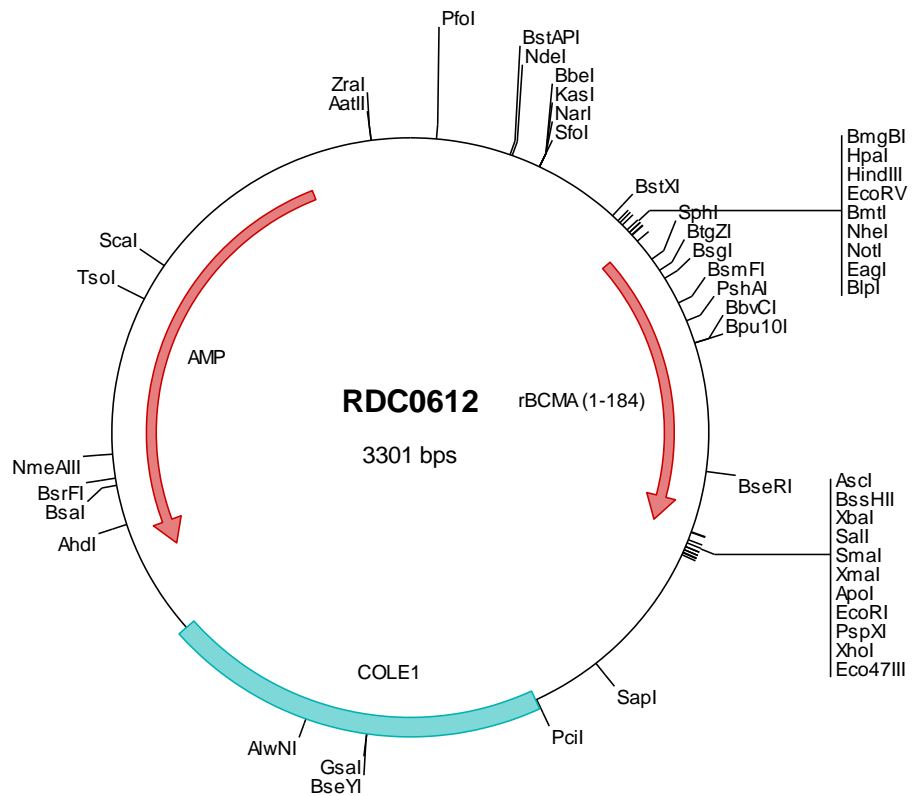
## rBCMA/TNFRSF17 cDNA Plasmid

Tnfrsf17 tumor necrosis factor receptor superfamily, member 17 [ *Rattus norvegicus* ]

Also known as: BCMA

### Summary:

BCMA is a member of the TNF receptor superfamily. It is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. BCMA binds to receptor ligands TNFSF13B/TALL-1/BAFF and APRIL leading to NF-kappaB and MAPK8/JNK activation. It also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation.





> RDC0612 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcagctcccg gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgccc aactgttggg aaggcgatc ggtcgggccc tcttcgctat
301 taacgacgct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccagtc acgacgttg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggateccgata tgcgtagcgc ggcgcccacc atggctcagc ggtgcttcca cagtgaatat tttgacagtc tgetgatgc
501 ttgaaaaacg tgcgcctgc gatgttccaa ccoctcctgca ccoctgca cctactgtga tccaagcatg accagctcag tgagagggac gtacacggtt
601 ctctggatct tcttgggct gacottggte gtotgtttgg cacttttacc actctcttc ttgctgagga agatgaaccc ggaggccctg aaggacaagc
701 ctcaaagccc agccatctt gacggaaccg ttoagctgga caaggccgat actgagcggc ctaagagcag ggtggtgac gaaaggattc tccccgaag
801 cctggagtat acagtggaag agtgaacctg tgaggattgc atcaagagca accccaaggg tgattctgac catttctcc cacttcagc catggaggag
901 ggggagcaca ttcttgtacc cacgaaaacg ggtgacatg gcaagggtat gccaaagtct ttgcaaatg toatggggat ggagaagcca gctcactcca
1001 gataaggcgc gccagatatac tctagagtcg acaccgggg aattcctcga gcgctcgtct ctagcttggc gtaatcatgg tcatagctgt ttcctgtgtg
1101 aaattggtat ccgctcacia ttccacacia catacagacc ggaagcataa agtgtaaagc ctgggggtgc taatgagtga gctaactcac ataatgtcg
1201 ttgcgctcac tgcccgtttt ccagtcggga aacctgctgt gccagctgca ttaatgaatc ggccaacgcg cggggagagg cggtttgcgt attgggcgt
1301 cttccgcttc ctcgctcact gactcctgc gctcgtctg tcgctgctg cgagcggat cagctcactc aaaggcggta atacggttat ccacagaatc
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1801 ccggtaaagc acgacttacc gccactggca gcagccactg gtaacaggat tagcagagcg aggtatgtag gcggtgctac agagtctctg aagtgtggc
1901 ctaactacgg ctacactaga aggacagtat ttggtatctg cgctctgctg aagccagtta ccttcggaaa aagagttggt agctcttgat ccggcaaaaa
2001 aaccaccgct ggtagcggtg gttttttgt ttgcaagcag cagattacgc gcagaaaaaa aggatctcaa gaagatcctt tgatcttttc tacggggtct
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2201 aatcaatcta aagtatatat gtagaaactt ggtctgacag ttaccaatgc ttaatcagtg aggcacctat ctcagcgatc tgtctatctt gttcatccat
2301 agttgcctga ctcccctgc ttagataaac tacgatacgg gagggcttac caatctggccc cagtgtgca atgataccgc gagaccacg ctaccggct
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2501 aagctagagt aagtagttcg ccagttaata gtttgcgcaa cgttgttgc attgtctac gcatcgtggt gtcacgctcg tcgtttggta tggctcatt
2601 cagctccggt tcccaacgat caaggcgagt tacatgatcc cccatgttgt gcaaaaaagc ggttagctcc ttcggtctc cgatcgttgt cagaaagtaag
2701 ttggccgagc tgttatcact catggttatg gcagcactgc ataattctct tactgtcatg ccatccgtaa gatgcttttc tgtgactggt gactactcaa
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2901 catcattgga aaacgttctt cggggcgaaa actctcaagg atcttaccgc tgttgagatc cagttcgatg taaccactc gtgcacccaa ctgatctca
3001 gcactcttta ctttcaaccag cgtttctggg tgagcaaaaa caggaaggca aaatgccgca aaaaagggaa taaggcgac acggaaatgt tgaatactca
3101 tactcttct ttttcaatat tattgaagca tttatcaggg ttattgtctc atgagcggat acatatttga atgtatttag aaaaaaac aaatagggtg
3201 tccgcgaca tttcccga aagtgcacc tgacgtctaa gaaaccatta ttatcatgac attaacctat aaaaataggc gtatcagag gccctttcgt
3301 c

> RDC0612 Translated Insert Sequence

1 maqrchsey fdlshackp crlrcsnppa pcqpydpsm tssvrgtytv lwiflgltlv vclalftlsf llrkmpcal kdkpqspghl dgsvqlkdak
101 tertksragd erilprslsey tveectcedc iksnpkgsds hffplpamee gatiltvttkt gdykgmpsa lqsvmgmekp ahsr