

Specifications:

Gene:	hTNFRSF17
Accession:	NP_001183
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.

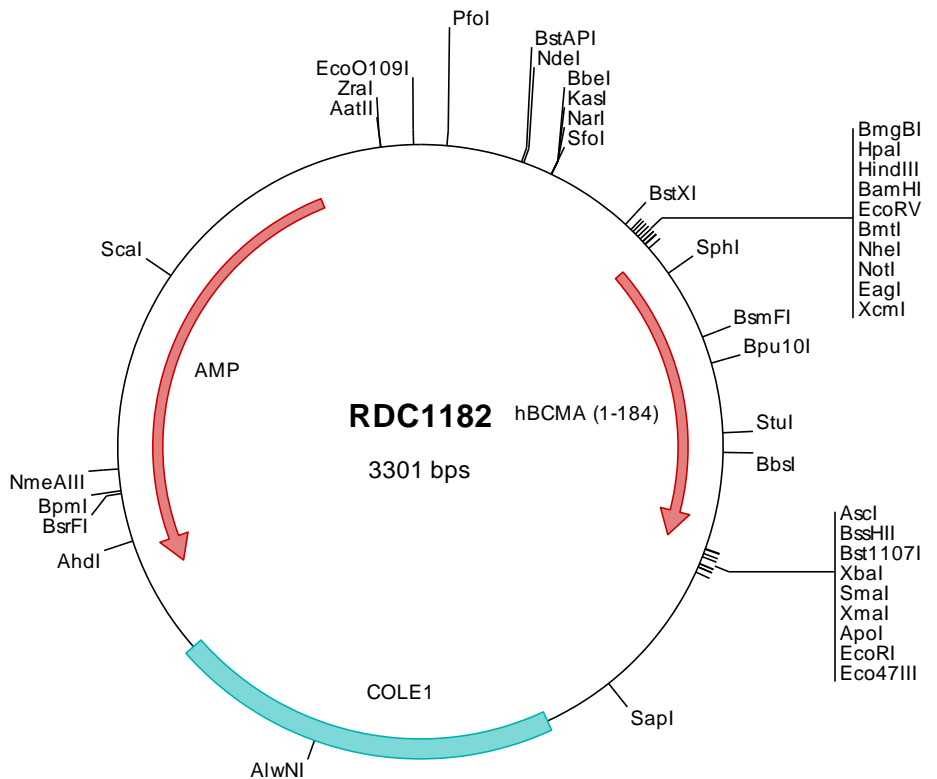
hBCMA/TNFRSF17 cDNA Plasmid

TNFRSF17 tumor necrosis factor receptor superfamily, member 17 [*Homo sapiens* (human)]

Also known as: BCM; BCMA; CD269; TNFRSF13A

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-κB and MAPK8/JNK activation. It also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC1182 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taacgacgct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt tttccagtc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tgcgtagcgc ggcgcccacc atgttcgaga tggctgggca gtgtcccaa aatgaatatt ttgacagttt
501 gttgcatgct tgcatacctt gtaaaccttc atgttcttct aatactctc ctctaactg tcagcgttat tgtaatgcaa gtgtgaccaa ttcagtgaaa
601 ggaacgaatg cgattctctg gacotgtttg ggactgagct taataatttc tttggcagtt ttctgtctaa tgtttttgct aaggaagata aactctgaac
701 cattaaaggga cgagtttaaa aacacaggat caggtctctc gggcatggct aacattgacc tggaaaagag caggactggt gatgaaatta ttcttcogag
801 aggcctcgag tacacgggtg aagaatgcac ctgtgaagac tgcataaaga gcaaacccgaa ggtcgaactc gaccattgct ttccactccc agctatggag
901 gaaggcgcaa ccattcttgt caccacgaaa acgaaatgact attgcaagag cctgccagct gctttgagtg ctacggagat agagaaatca atttctgcta
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1101 aaattggtat ccgctcaciaa ttccacacia catacagacc ggaagcataa agtgtaaagc ctgggggtgc taatgagtga gctaactcac attaatgctg
1201 ttgcgctcac tgcccgtttt ccagtcggga aacctgctgt gccagctgca ttaatgaatc ggccaacgcg cggggagagg cggtttgcgt attgggogct
1301 cttccgcttc ctcgctcact gactcgtctg cgtcgtgctg tcggctgcgg cgagcggat cagctcactc aaaggcggta atacggttat ccacagaatc
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1801 ccggtaaagc acgacttacc gccactggca gcagccactg gtaacaggat tagcagagcg aggtatgtag gcggtgctac agagtctctg aagtgtggc
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2001 aaccaccgct ggtagcgggt gtttttttgt ttgcaagcag cagattacgc gcagaaaaaa aggatctcaa gaagatcctt tgatcttttc tacggggtct
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2201 aatcaatcta aagtatatat gagtaaactt ggtctgacag ttaccaatgc ttaatcagtg aggcacctat ctcagcgatc tgtctatttc gttcatccat
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3001 gcactcttta ctttcaaccg cgtttctggg tgagcaaaaa caggaaggca aatgcccga aaaaagggaa taaggcgac acggaaatgt tgaatactca
3101 tactcttct ttttcaatat tattgaagca tttatcaggg ttattgtctc atgagcggat acatatgta atgtatttag aaaaaaac aaatagggtg
3201 tccgcgaca tttcccga aagtgcacc tgacgtctaa gaaaccatta ttatcatgac attaacctat aaaaatagggc gtatcacgag gcctttctg
3301 c

> RDC1182 Translated Insert Sequence

1 mlqmaggcsq neyfdslha cipcqlrcss ntppltcqry cnasvtnsvk gtnailwtcl glsliislav fvlmflrki nseplkdefk ntgsgllgma
101 nidleksrtg deilprgle ytveectced cikskpkvds dhcflpame egatilvttk tndyckslpa alsateieks isar