*m*TAPBPL VersaClone cDNA

Catalog Number: RDC2297

Specifications:

Gene:	*m*Tapbpl
Accession:	NP_663366
Insert size:	1369bp
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

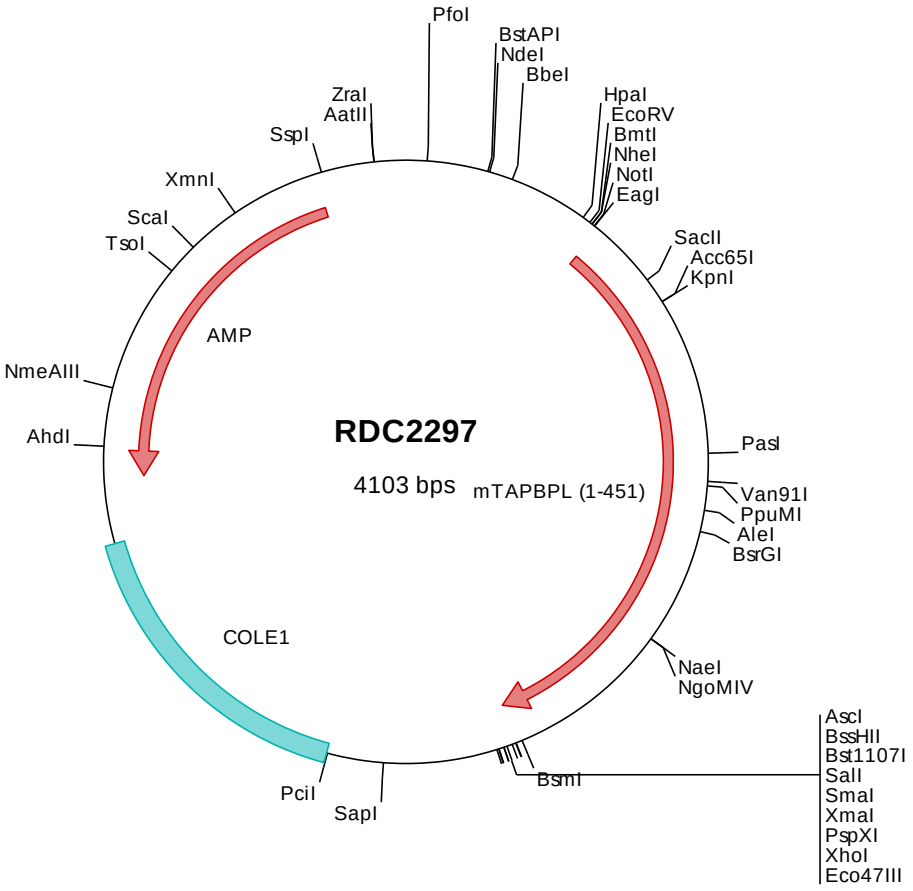
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*TAPBPL cDNA Plasmid

Tapbpl TAP binding protein-like
[*Mus musculus* (house mouse)]

Also known as: Tapbplr; BC017613; TAPBPL-R

Summary:
TAPBPL is a component of the antigen processing and presentation pathway, which binds to MHC class I coupled with beta2-microglobulin/ B2M. Expression of TAPBPL seems to slow down and down-regulate MHC class I surface expression.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC2297 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgggcttgg agcccagctg gtatctgctg ctctgtttgg ctgtctctgg
 501  ggcagcaggg actgaccctc ccacagcgcc caccacagca gaaagacagc ggcagcccac ggacatcatc ttagactgct tcttggtgac agaagacagg
 601  caccgcgggg cttttgccag cagtggggac agggagaggg ccttgcttgt gctgaagcag gtaccagtgc tggatgatgg ctccctggaa ggcatcacag
 701  atttccaggg gagcactgag accaaacagg attcacctgt tatctttgag gcctcagtgg acttggtaca gattccccag gcagaggcgt tgctccatgc
 801  tgactgcagc gggaaggcag tgacctgcga gatctccaag tatttcctcc aggccagaca agaggccact tttgagaaag cacattggtt catcagcaac
 901  atgcaggttt ctagaggtgg ccccagtgtc tccatggtga tgaagactct aagagatgct gaagttggag ctgtccggca ccctacactg aacctacctc
1001  tgagtgccca gggcacagtg aagactcaag tggagttcca ggtgacatca gagacccaaa ccctgaacca cctgctgggg tcctctgtct ccctgcactg
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1601  cttacacctg ccaagtcgcc cacgtctccc tggaggagcc ccttacaacc agcatgaggg ttttgccaaa tccagagcag agaggaacct tgggagtcat
1701  ctttgccagc atcatcttcc tttctgcgct gttgttgttt ctgggacttc acagacagca agcttcttca tcaaggtcca ccaggcctat gaggcattct
1801  gggtaaaggc gcgccagtat actctagagt cgacacccgg ggaattcctc gagcgctcgt ctctagcttg gcgtaatcat ggtcatagct gtttcctgtg
1901  tgaaattgtt atccgctcac aattccacac aacatacgag ccggaagcat aaagtgtaaa gcctggggtg cctaatgagt gagctaactc acattaattg
2001  cgttgcgctc actgcccgct ttccagtcgg gaaacctgtc gtgccagctg cattaatgaa tcggccaacg cgcggggaga ggcggtttgc gtattgggcg
2101  ctcttccgct tcctcgctca ctgactcgct gcgctcggtc gttcggctgc ggcgagcggt atcagctcac tcaaaggcgg taatacggtt atccacagaa
2201  tcaggggata acgcaggaaa gaacatgtga gcaaaaggcc agcaaaaggc caggaaccgt aaaaaggccg cgttgctggc gtttttccat aggctccgcc
2301  cccctgacga gcatcacaaa aatcgacgct caagtcagag gtggcgaaac ccgacaggac tataaagata ccaggcgttt cccccctggaa gctccctcgt
2401  gcgctctcct gttccgaccc tgccgcttac cggatacctg tccgcctttc tcccttcggg aagcgtggcg ctttctcaat gctcacgctg taggtatctc
2501  agttcggtgt aggtcgttcg ctccaagctg ggctgtgtgc acgaaccccc cgttcagccc gaccgctgcg ccttatccgg taactatcgt cttgagtcca
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2701  gcctaactac ggctacacta gaaggacagt atttggtatc tgcgctctgc tgaagccagt taccttcgga aaaagagttg gtagctcttg atccggcaaa
2801  caaaccaccg ctggtagcgg tggttttttt gtttgcaagc agcagattac gcgcagaaaa aaaggatctc aagaagatcc tttgatcttt tctacggggt
2901  ctgacgctca gtggaacgaa aactcacgtt aagggatttt ggtcatgaga ttatcaaaaa ggatcttcac ctagatcctt ttaaattaaa aatgaagttt
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3501  agttggccgc agtgttatca ctcatggtta tggcagcact gcataattct cttactgtca tgccatccgt aagatgcttt tctgtgactg gtgagtactc
3601  aaccaagtca ttctgagaat agtgtatgcg gcgaccgagt tgctcttgcc cggcgtcaat acgggataat accgcgccac atagcagaac tttaaaagtg
3701  ctcatcattg gaaaacgttc ttcggggcga aaactctcaa ggatcttacc gctgttgaga tccagttcga tgtaacccac tcgtgcaccc aactgatctt
3801  cagcatcttt tactttcacc agcgtttctg ggtgagcaaa aacaggaagg caaaatgccg caaaaaaggg aataagggcg acacggaaat gttgaatact
3901  catactcttc ctttttcaat attattgaag catttatcag ggttattgtc tcatgagcgg atacatattt gaatgtattt agaaaaataa acaaataggg
4001  gttccgcgca catttccccg aaaagtgcca cctgacgtct aagaaaccat tattatcatg acattaacct ataaaaatag gcgtatcacg aggccctttc
4101  gtc
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> RDC2297 Translated Insert Sequence

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 101  asvdlvqipq aeallhadcs gkavtceisk yflqarqeat fekahwfisn mqvsrggpsv smvmktlrda evgavrhptl nlplsaqgtv ktqvefqvts
 201  etqtlnhllg ssvslhcsfs mapgldltgv ewrlqhkgsg qlvyswktgq gqakrkgatl epeellragn asltlpnltl kdegnyicqi stslyqaqqi
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```