天净沙系列

CAT#:1-6497

常温运输及保存

天净沙

PTEF1-yEGFPCLN2PEST-pRS406 质粒 DNA

PTEF1-yEGFPCLN2PEST-pRS406 Plasmid DNA

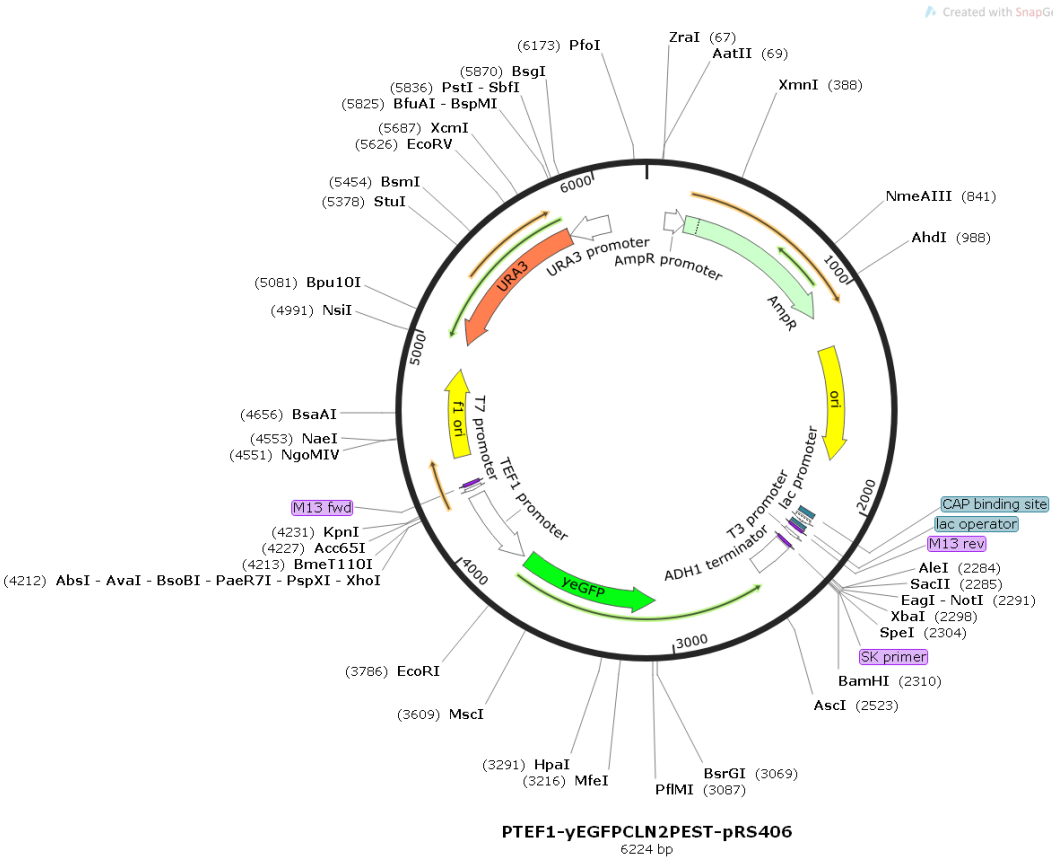
使用手册 V1.01

北京天净沙基因科技有限公司

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产品及特点

PTEF1-yEGFPCLN2PEST-pRS406 是一种蛋白质表达载体。PTEF1-yEGFPCLN2PEST-pRS406 质粒大小为 6224 bp。该质粒具有 AmpR、URA3、T3、T7、lac 以及 TEF1 启动子，ADH1 终止子，f1 ori 以及 ori 复制子，同时插入了 yeGFP 基因。本质粒携带氨苄青霉素抗性基因。其图谱如下：



规格及成分

本产品使用 logo 热封袋包装

成分	编号	规格	包装
PTEF1-yEGFPCLN2PEST-pRS406 质粒 DNA 干粉	1-6497	2 μg	0.5 mL 本色管
使用手册	sc1-6497	1 份	无

运输及保存

常温运输，溶解后需-20℃保存，有效期两年。

使用方法

使用前将本产品短暂离心后加入 100 μL 自备的超纯水或 TE 缓冲液溶解，可以得到 20 ng/μL 的质粒 DNA 溶液，该溶液可直接用于酶切克隆。也可以取少量，按常规方法进行细菌转化，制备更多的质粒 DNA 进行各种后续实验。

DNA 序列

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  1 GACGAAAGGG CCTCGTGATA CGCCTATTTT TATAGGTTAA TGTCATGATA ATAATGGTTT
 61 CTTAGACGTC AGGTGGCACT TTTCGGGGAA ATGTGCGCGG AACCCCTATT TGTTTATTTT
121 TCTAAATACA TTCAAATATG TATCCGCTCA TGAGACAATA ACCCTGATAA ATGCTTCAAT
181 AATATTGAAA AAGGAAGAGT ATGAGTATTC AACATTTCCG TGTCGCCCTT ATTCCCTTTT
241 TTGCGGCATT TTGCCTTCCT GTTTTTGCTC ACCCAGAAAC GCTGGTGAAA GTAAAAGATG
301 CTGAAGATCA GTTGGGTGCA CGAGTGGGTT ACATCGAACT GGATCTCAAC AGCGGTAAGA
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 361 TCCTTGAGAG TTTTCGCCCC GAAGAACGTT TTCCAATGAT GAGCACTTTT AAAGTTCTGC
 421 TATGTGGCGC GGTATTATCC CGTATTGACG CCGGGCAAGA GCAACTCGGT CGCCGCATAC
 481 ACTATTCTCA GAATGACTTG GTTGAGTACT CACCAGTCAC AGAAAAGCAT CTTACGGATG
 541 GCATGACAGT AAGAGAATTA TGCAGTGCTG CCATAACCAT GAGTGATAAC ACTGCGGCCA
 601 ACTTACTTCT GACAACGATC GGAGGACCGA AGGAGCTAAC CGCTTTTTTG CACAACATGG
 661 GGGATCATGT AACTCGCCTT GATCGTTGGG AACCGGAGCT GAATGAAGCC ATACCAAACG
 721 ACGAGCGTGA CACCACGATG CCTGTAGCAA TGGCAACAAC GTTGCGCAAA CTATTAACTG
 781 GCGAACTACT TACTCTAGCT TCCCGGCAAC AATTAATAGA CTGGATGGAG GCGGATAAAG
 841 TTGCAGGACC ACTTCTGCGC TCGGCCCTTC CGGCTGGCTG GTTTATTGCT GATAAATCTG
 901 GAGCCGGTGA GCGTGGGTCT CGCGGTATCA TTGCAGCACT GGGGCCAGAT GGTAAGCCCT
 961 CCCGTATCGT AGTTATCTAC ACGACGGGGA GTCAGGCAAC TATGGATGAA CGAAATAGAC
1021 AGATCGCTGA GATAGGTGCC TCACTGATTA AGCATTGGTA ACTGTCAGAC CAAGTTTACT
1081 CATATATACT TTAGATTGAT TTAAAACTTC ATTTTTAATT TAAAAGGATC TAGGTGAAGA
1141 TCCTTTTTGA TAATCTCATG ACCAAAATCC CTTAACGTGA GTTTTCGTTC CACTGAGCGT
1201 CAGACCCCGT AGAAAAGATC AAAGGATCTT CTTGAGATCC TTTTTTTCTG CGCGTAATCT
1261 GCTGCTTGCA AACAAAAAAA CCACCGCTAC CAGCGGTGGT TTGTTTGCCG GATCAAGAGC
1321 TACCAACTCT TTTTCCGAAG GTAACTGGCT TCAGCAGAGC GCAGATACCA AATACTGTTC
1381 TTCTAGTGTA GCCGTAGTTA GGCCACCACT TCAAGAACTC TGTAGCACCG CCTACATACC
1441 TCGCTCTGCT AATCCTGTTA CCAGTGGCTG CTGCCAGTGG CGATAAGTCG TGTCTTACCG
1501 GGTTGGACTC AAGACGATAG TTACCGGATA AGGCGCAGCG GTCGGGCTGA ACGGGGGGTT
1561 CGTGCACACA GCCCAGCTTG GAGCGAACGA CCTACACCGA ACTGAGATAC CTACAGCGTG
1621 AGCTATGAGA AAGCGCCACG CTTCCCGAAG GGAGAAAGGC GGACAGGTAT CCGGTAAGCG
1681 GCAGGGTCGG AACAGGAGAG CGCACGAGGG AGCTTCCAGG GGGAAACGCC TGGTATCTTT
1741 ATAGTCCTGT CGGGTTTCGC CACCTCTGAC TTGAGCGTCG ATTTTTGTGA TGCTCGTCAG
1801 GGGGGCGGAG CCTATGGAAA AACGCCAGCA ACGCGGCCTT TTTACGGTTC CTGGCCTTTT
1861 GCTGGCCTTT TGCTCACATG TTCTTTCCTG CGTTATCCCC TGATTCTGTG GATAACCGTA
1921 TTACCGCCTT TGAGTGAGCT GATACCGCTC GCCGCAGCCG AACGACCGAG CGCAGCGAGT
1981 CAGTGAGCGA GGAAGCGGAA GAGCGCCCAA TACGCAAACC GCCTCTCCCC GCGCGTTGGC
2041 CGATTCATTA ATGCAGCTGG CACGACAGGT TTCCCGACTG GAAAGCGGGC AGTGAGCGCA
2101 ACGCAATTAA TGTGAGTTAG CTCACTCATT AGGCACCCCA GGCTTTACAC TTTATGCTTC
2161 CGGCTCGTAT GTTGTGTGGA ATTGTGAGCG GATAACAATT TCACACAGGA AACAGCTATG
2221 ACCATGATTA CGCCAAGCGC GCAATTAACC CTCACTAAAG GGAACAAAAG CTGGAGCTCC
2281 ACCGCGGTGG CGGCCGCTCT AGAACTAGTG GATCCGATCT GCCGGTAGAG GTGTGGTCAA
2341 TAAGAGCGAC CTCATGCTAT ACCTGAGAAA GCAACCTGAC CTACAGGAAA GAGTTACTCA
2401 AGAATAAGAA TTTTCGTTTT AAAACCTAAG AGTCACTTTA AAATTTGTAT ACACTTATTT
2461 TTTTTATAAC TTATTTAATA ATAAAAATCA TAAATCATAA GAAATTCGCT TATTTAGAAG
2521 TGGCGCGCCC TATATTACTT GGGTATTGCC CATACCAAAA GAAATTAAAG ATGAGGCACT
2581 GCTAGATTTA CCGCTATTTA TGGTCCCAGT TGGCGAGGGG AACATTCCAT GGTTAATGAA
2641 GCTTGTCTTG GGTGGGCCCC CATTGAGGTA ATGCGCCGTT GCGGGATTTT GGTTTTCCTT
2701 GTTAGACTCA TTTAGGTTTA GCAAATCAAT ATAATCATTG GTTGCGTTAT TGCTGTTAGG
2761 ACCCGTGATT TGTTCGTAGA TCCTTTGTTT GTTATTTGTA TTCACCAGAC TATTCACACT
2821 AACGGTGCTA CCACATATAC TGTTTGACTG CTGCTGACCA AATTGGTACA TACTTGGAGT
2881 GATTGGTGAT GATTGTTCCA TATTCCGGCT GAAAACGCTG TTATCAGAGA GTGAGCTCAT
2941 GTTTCTCATT GGAGTGTGGC TTTGAGATGA GGAAGCGGGC GAAGGAATGG ATGTGCTATT
3001 TGAATTTTCG AAAGAGCATG ATGGGGTTGA TATGGTAAGC TTTCTCGAAA TGTTCAAGTT
3061 GGATGCTTTG TACAATTCAT CCATACCATG GGTAATACCA GCAGCAGTAA CAAATTCTAA
3121 CAAGACCATG TGGTCTCTCT TTTCGTTTGG ATCTTTGGAT AAGGCAGATT GAGTGGATAA
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3181 GTAATGGTTG TCTGGTAACA AGACTGGACC ATCACCAATT GGAGTATTTT GTTGATAATG
3241 GTCAGCTAAT TGAACAGAAC CATCTTCAAT GTTGTGTCTA ATTTTGAAGT TAACTTTGAT
3301 ACCATTCTTT TGTTTGTCAG CCATGATGTA AACATTGTGA GAGTTATAGT TGTATTCCAA
3361 TTTGTGACCT AAAATGTTAC CATCTTCTTT AAAATCAATA CCTTTTAATT CGATTCTATT
3421 AACTAAGGTA TCACCTTCAA ACTTGACTTC AGCTCTGGTC TTGTAGTTAC CGTCATCTTT
3481 GAAAAAAATA GTTCTTTCTT GAACATAACC TTCTGGCATG GCAGACTTGA AAAAGTCATG
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3601 TAAGGTTGGC CATGGAACTG GCAATTTACC AGTAGTACAA ATAAATTTTA AGGTCAATTT
3661 ACCGTAAGTA GCATCACCTT CACCTTCACC GGAGACAGAA AATTTGTGAC CATTAACATC
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3841 AGAAGTAAAA AAAGTTGTAA TAGAACAAGA AAAATGAAAC TGAAACTTGA GAAATTGAAG
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3961 AAATTTTCAA GAAAAAGAAA CGTGATAAAA ATTTTTATTG CCTTTTTCGA CGAAGAAAAA
4021 GAAACGAGGC GGTCTCTTTT TTCTTTTCCA AACCTTTAGT ACGGGTAATT AACGACACCC
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4201 ATGGTGTGTG CCTCGAGGGG GGGCCCGGTA CCCAATTCGC CCTATAGTGA GTCGTATTAC
4261 GCGCGCTCAC TGGCCGTCGT TTTACAACGT CGTGACTGGG AAAACCCTGG CGTTACCCAA
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	6001 AAAAAGAATA AAAAAAAAAT GATGAATTGA AAAGGTGGTA TGGTGCACTC TCAGTACAAT 6061 CTGCTCTGAT GCCGCATAGT TAAGCCAGCC CCGACACCCG CCAACACCCG CTGACGCGCC 6121 CTGACGGGCT TGTCTGCTCC CGGCATCCGC TTACAGACAA GCTGTGACCG TCTCCGGGAG 6181 CTGCATGTGT CAGAGGTTTT CACCGTCATC ACCGAAACGC GCGA
测序结果	本批次（032040hb）序列经测序与上述序列一致，与 Addgene 序列有 18 处碱基差异。
关联产品	pCMS-EGFp 质粒 DNA

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