天净沙系列

CAT#:1-9267

常温运输及保存

天净沙

# pCN51 质粒 DNA

# pCN51 Plasmid DNA

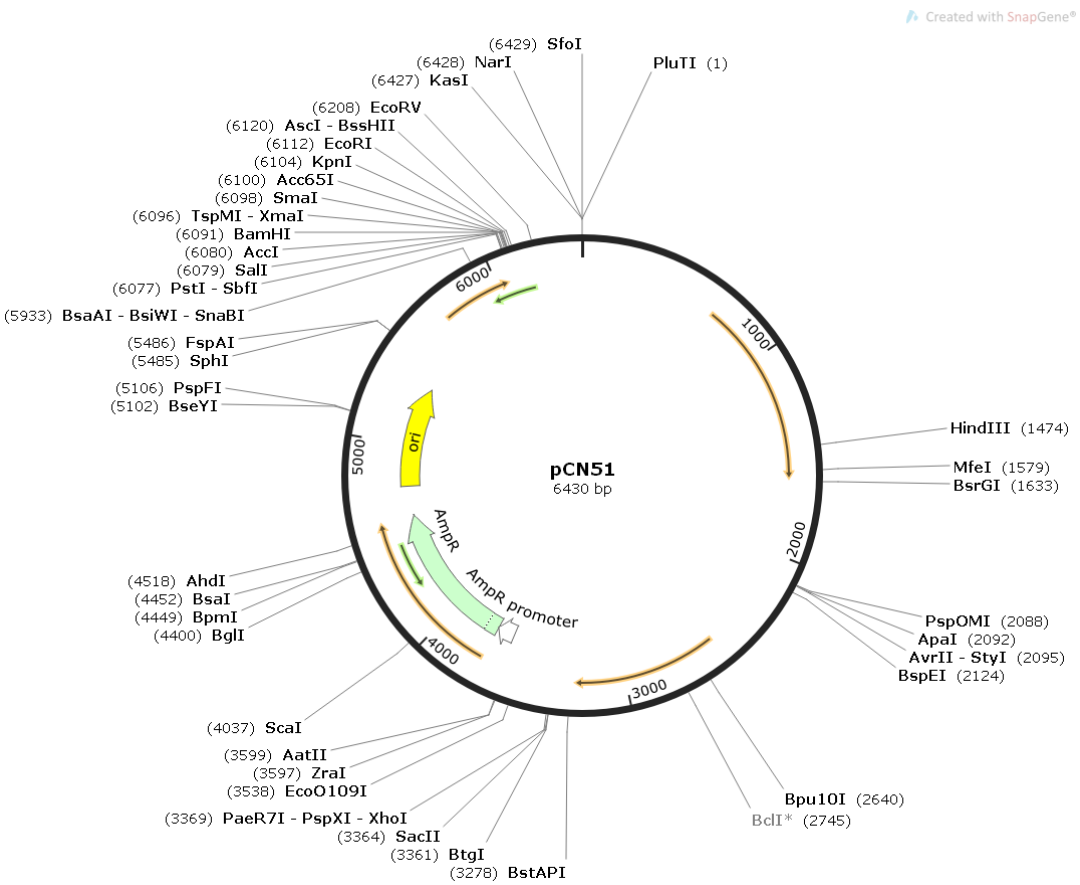
## 使用手册 V0.5

北京天净沙基因科技有限公司

网址：www.tjs.bio；电话：400-1078566；电邮：order@tjs.bio

## 产品及特点

pCN51 是一种葡萄球菌穿梭表达载体。pCN51 质粒大小为 6430 bp。该质粒具有 ori 复制子。本质粒携带氨苄青霉素抗性基因。其图谱如下：




## 规格及成分

本产品使用塑料袋包装

| 成分 | 编号 | 规格 | 包装 |
|---|---|---|---|
| pCN51 质粒 DNA 干粉 | 1-9267 | 2 μg | 0.5 mL 本色管 |
| 使用手册 | sc1-9267 | 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 CCTTTGCGGA AAGAGTTAAT AAGTTAACAG AAGATGAACC AAAACTAAAT GGTTTAGCAG
  61 GAAACTTAGA TAAAAAAATG AATCCAGAAT TATATTCAGA ACAGGAACAG CAACAAGAAC
 121 AACAAAAGAA TCAAAAACGA GATAGAGGTA TGCACTTATA GAACATGCAT TTATGCCGAG
 181 AAAACTTATT GGTTGGAATG GGCTATGTGT TAGCTAACTT GTTAGCGAGT TGGTTGGACT
 241 TGAATTGGGA TTAATCCCAA GAAAGTACCA ACTCAACAAC ACATAAAGCC CTGTAGGTTC
 301 CGACCAATAA GGAAATTGGA ATAAAGCAAT AAAAGGAGTT GAAGAAATGA AATTCAGAGA
 361 AGCCTTTGAG AATTTTATAA CAAGTAAGTA TGTACTTGGT GTTTTAGTAG TTTTAACTGT
 421 TTACCAGATA ATACAAATGC TTAAATAAAA AAAGACTTGA TCTGATTAGA CCAAATCTTT
 481 TGATAGTGTT ATATTAATAA CAAAATAAAA AGGAGTCGCT CACGCCCTGA CCAAAGTTTG
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 541 TGAACGACAT CATTCAAAGA AAAAAACACT GAGTTGTTTT TATAATCTTG TATATTTAGA
 601 TATTAAACGA TATTTAAATA TACATCAAGA TATATATTTG GGTGAGCGAT TCCTTAAACG
 661 AAATTGAGAT TAAGGAGTCG ATTTTTTATG TATAAAAACA ATCATGCAAA TCATTCAAAT
 721 CATTTGGAAA ATCACGATTT AGACAATTTT TCTAAAACCG GCTACTCTAA TAGCCGGTTG
 781 GACGCACATA CTGTGTGCAT ATCTGATCCA AAATTAAGTT TTGATGCAAT GACGATCGTT
 841 GGAAATCTCA ACCGAGACAA CGCTCAAGCC CTTTCTAAAT TTATGAGTGT AGAGCCCCAA
 901 ATAAGACTTT GGGATATTCT TCAAACAAAG TTTAAAGCTA AAGCACTTCA AGAAAAAGTT
 961 TATATTGAAT ATGACAAAGT GAAAGCAGAT AGTTGGGATA GACGTAATAT GCGTATTGAA
1021 TTTAATCCAA ACAAACTTAC ACGAGATGAA ATGATTTGGT TAAAACAAAA TATAATAAGC
1081 TACATGGAAG ATGACGGTTT TACAAGATTA GATTTAGCCT TTGATTTTGA AGATGATTTG
1141 AGTGACTACT ATGCAATGTC TGATAAAGCA GTTAAGAAAA CTATTTTTTA TGGTCGTAAT
1201 GGTAAGCCAG AAACAAAATA TTTTGGCGTG AGAGATAGTA ATAGATTTAT TAGAATTTAT
1261 AATAAAAAGC AAGAACGTAA AGATAATGCA GATGCTGAAG TTATGTCTGA ACATTTATGG
1321 CGTGTAGAAA TCGAACTTAA AAGAGATATG GTGGATTACT GGAATGATTG CTTTAGTGAT
1381 TTACATATCT TGCAACCAGA TTGGAAAACT ATCCAACGCA CTGCGGATAG AGCAATAGTT
1441 TTTATGTTAT TGAGTGATGA AGAAGAATGG GGAAAGCTTC ACAGAAATTC TAGAACAAAA
1501 TATAAGAATT TGATAAAAGA AATTTCGCCA GTCGATTTAA CGGACTTAAT GAAATCGACT
1561 TTAAAAGCGA ACGAAAAACA ATTGCAAAAA CAAATCGATT TTTGGCAACA TGAATTTAAA
1621 TTTTGGAAAT AGTGTACATA TTAATATTAC TGAACAAAAA TGATATATTT AAACTATTCT
1681 AATTTAGGAG GATTTTTTTA TGAAGTGTCT ATTTAAAAAT TTGGGGAATT TATATGAGGT
1741 GAAAGAATAA TTTACCCCTA TAAACTTTAG TCACCTCAAG TAAAGAGGTA AAATTGTTTA
1801 GTTTATATAA AAAATTTAAA GGTTTGTTTT ATAGCGTTTT ATTTTGGCTT TGTATTCTTT
1861 CATTTTTTAG TGTATTAAAT GAAATGGTTT TAAATGTTTC TTTACCTGAT ATTGCAAATC
1921 ATTTTAATAC TACTCCTGGA ATTACAAACT GGGTAAACAC TGCATATATG TTAACTTTTT
1981 CGATAGGAAC AGCAGTATAT GGAAAATTAT CTGATTATAT AAATATAAAA AAATTGTTAA
2041 TTATTGGTAT TAGTTTGAGC TGTCTTGGTT CATTGATTGC TTTTATTGGG CCCACCTAGG
2101 AATTGAATGA GACATGCTAC ACCTCCGGAT AATAAATATA TATAAACGTA TATAGATTTC
2161 ATAAAGTCTA ACACACTAGA CTTATTTACT TCGTAATTAA GTCGTTAAAC CGTGTGCTCT
2221 ACGACCAAAA CTATAAAACC TTTAAGAACT TTCTTTTTTT ACAAGAAAAA AGAAATTAGA
2281 TAAATCTCTC ATATCTTTTA TTCAATAATC GCATCCGATT GCAGTATAAA TTTAACGATC
2341 ACTCATCATG TTCATATTTA TCAGAGCTCG TGCTATAATT ATACTAATTT TATAAGGAGG
2401 AAAAAATATG GGCATTTTTA GTATTTTTGT AATCAGCACA GTTCATTATC AACCAAACAA
2461 AAAATAAGTG GTTATAATGA ATCGTTAATA AGCAAAATTC ATATAACCAA ATTAAAGAGG
2521 GTTATAATGA ACGAGAAAAA TATAAAACAC AGTCAAAACT TTATTACTTC AAAACATAAT
2581 ATAGATAAAA TAATGACAAA TATAAGATTA AATGAACATG ATAATATCTT TGAAATCGGC
2641 TCAGGAAAAG GCCATTTTAC CCTTGAATTA GTAAAGAGGT GTAATTTCGT AACTGCCATT
2701 GAAATAGACC ATAAATTATG CAAAACTACA GAAAATAAAC TTGTTGATCA CGATAATTTC
2761 CAAGTTTTAA ACAAGGATAT ATTGCAGTTT AAATTTCCTA AAAACCAATC CTATAAAATA
2821 TATGGTAATA TACCTTATAA CATAAGTACG GATATAATAC GCAAAATTGT TTTTGATAGT
2881 ATAGCTAATG AGATTTATTT AATCGTGGAA TACGGGTTTG CTAAAAGATT ATTAAATACA
2941 AAACGCTCAT TGGCATTACT TTTAATGGCA GAAGTTGATA TTTCTATATT AAGTATGGTT
3001 CCAAGAGAAT ATTTTCATCC TAAACCTAAA GTGAATAGCT CACTTATCAG ATTAAGTAGA
3061 AAAAAATCAA GAATATCACA CAAAGATAAA CAAAAGTATA ATTATTTCGT TATGAAATGG
3121 GTTAACAAAG AATACAAGAA AATATTTACA AAAAATCAAT TTAACAATTC CTTAAAACAT
3181 GCAGGAATTG ACGATTTAAA CAATATTAGC TTTGAACAAT TCTTATCTCT TTTCAATAGC
3241 TATAAATTAT TTAATAAGTA AGTTAAGGGA TGCATAAACT GCATCCCTTA ACTTGTTTTT
3301 CGTGTGCCTA TTTTTTGTGA ATCGATTATG TCTTTTGCGC AGTCGGCTTA AACCAGTTTT
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3361 CCGCGGCGCT CGAGCGGCCG CATAGTTAAG CCAGCCCCGA CACCCGCCAA CACCCGCTGA
3421 CGCGCCCTGA CGGGCTTGTC TGCTCCCGGC ATCCGCTTAC AGACAAGCTG TGACCGTCTC
3481 CGGGAGCTGC ATGTGTCAGA GGTTTTCACC GTCATCACCG AAACGCGCGA GACGAAAGGG
3541 CCTCGTGATA CGCCTATTTT TATAGGTTAA TGTCATGATA ATAATGGTTT CTTAGACGTC
3601 AGGTGGCACT TTTCGGGGAA ATGTGCGCGG AACCCCTATT TGTTTATTTT TCTAAATACA
3661 TTCAAATATG TATCCGCTCA TGAGACAATA ACCCTGATAA ATGCTTCAAT AATATTGAAA
3721 AAGGAAGAGT ATGAGTATTC AACATTTCCG TGTCGCCCTT ATTCCCTTTT TTGCGGCATT
3781 TTGCCTTCCT GTTTTTGCTC ACCCAGAAAC GCTGGTGAAA GTAAAAGATG CTGAAGATCA
3841 GTTGGGTGCA CGAGTGGGTT ACATCGAACT GGATCTCAAC AGCGGTAAGA TCCTTGAGAG
3901 TTTTCGCCCC GAAGAACGTT TTCCAATGAT GAGCACTTTT AAAGTTCTGC TATGTGGCGC
3961 GGTATTATCC CGTATTGACG CCGGGCAAGA GCAACTCGGT CGCCGCATAC ACTATTCTCA
4021 GAATGACTTG GTTGAGTACT CACCAGTCAC AGAAAAGCAT CTTACGGATG GCATGACAGT
4081 AAGAGAATTA TGCAGTGCTG CCATAACCAT GAGTGATAAC ACTGCGGCCA ACTTACTTCT
4141 GACAACGATC GGAGGACCGA AGGAGCTAAC CGCTTTTTTG CACAACATGG GGGATCATGT
4201 AACTCGCCTT GATCGTTGGG AACCGGAGCT GAATGAAGCC ATACCAAACG ACGAGCGTGA
4261 CACCACGATG CCTGTAGCAA TGGCAACAAC GTTGCGCAAA CTATTAACTG GCGAACTACT
4321 TACTCTAGCT TCCCGGCAAC AATTAATAGA CTGGATGGAG GCGGATAAAG TTGCAGGACC
4381 ACTTCTGCGC TCGGCCCTTC CGGCTGGCTG GTTTATTGCT GATAAATCTG GAGCCGGTGA
4441 GCGTGGGTCT CGCGGTATCA TTGCAGCACT GGGGCCAGAT GGTAAGCCCT CCCGTATCGT
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4681 TAATCTCATG ACCAAAATCC CTTAACGTGA GTTTTCGTTC CACTGAGCGT CAGACCCCGT
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4981 AATCCTGTTA CCAGTGGCTG CTGCCAGTGG CGATAAGTCG TGTCTTACCG GGTTGGACTC
5041 AAGACGATAG TTACCGGATA AGGCGCAGCG GTCGGGCTGA ACGGGGGGTT CGTGCACACA
5101 GCCCAGCTTG GAGCGAACGA CCTACACCGA ACTGAGATAC CTACAGCGTG AGCTATGAGA
5161 AAGCGCCACG CTTCCCGAAG GGAGAAAGGC GGACAGGTAT CCGGTAAGCG GCAGGGTCGG
5221 AACAGGAGAG CGCACGAGGG AGCTTCCAGG GGGAAACGCC TGGTATCTTT ATAGTCCTGT
5281 CGGGTTTCGC CACCTCTGAC TTGAGCGTCG ATTTTTGTGA TGCTCGTCAG GGGGGCGGAG
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5401 TGCTCACATG TTCTTTCCTG CGTTATCCCC TGATTCTGTG GATAACCGTA TTACCGCCTT
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5521 TTACTTATTG AAATGTATTA TTTTCTAATG TCATACCCTG GTCAAAACCG TTCGTTTTTG
5581 AGACTAGAAT TTTATGCCCT ACTTACTTCT TTTATTTTCA TTCAAATATT TGCTTGCATG
5641 ATGAGTCGAA AATGGTTATA ATACACTCAA ATAAATATTT GAATGAAGAT GGGATGATAA
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5761 ACAAGGGGAT TTACAAACAG TTGATATTTC TGGTGTTAGC CAAATTTTAA AGGCTATTGC
5821 CGATGAAAAT AGAGCAAAAA TTACTTACGC TCTGTGTCAG GATGAAGAGT TGTGTGTTTG
5881 TGATATAGCA AATATCTTAG GTGTTACGAT AGCAAATGCA TCTCATCATT TACGTACGCT
5941 TTATAAGCAA GGGGTGGTCA ACTTTAGAAA AGAAGGAAAA CTAGCTTTAT ATTCTTTAGG
6001 TGATGAACAT ATCAGGCAGA TAATGATGAT CGCCCTAGCA CATAAGAAAG AAGTGAAGGT
6061 CAATGTCTGA ACCTGCAGGT CGACTCTAGA GGATCCCCGG GTACCGAGCT CGAATTCAGG
6121 CGCGCCTATT CTAATGCATA ATAAATACTG ATAACATCTT ATATTTTGTA TTATATTTTG

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|---|---|
| | 6181 TATTATCGTT GACATGTATA ATTTTGATAT CAAAAACTGA TTTTCCCTCT ATTATTTTCG<br>6241 AGATTTATTT TCTTAATTCT CTTTAACAAA CTAGAAATAT TGTATATACA AAAAATTATA<br>6301 AATAATAGAT GAATAGTTTA ATTATAGGTG TTCATCAATC GAAAAAGCAA CGTATCTTAT<br>6361 TTAAAGTGCG TTGCTTTTTT CTCATTTATA AGGTTAAATA ATTCTCATAT ATCAAGCAAA<br>6421 GTGACAGGCG |
| **测序结果** | **以上序列仅供参考，实际序列以测序结果为准。** |
| **关联产品** | pCN41 质粒 DNA |

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