天净沙系列

CAT#:1-4536

常温运输及保存

天净沙

# PAd/CMV/V5-DEST 质粒 DNA

## PAd/CMV/V5-DEST Plasmid DNA

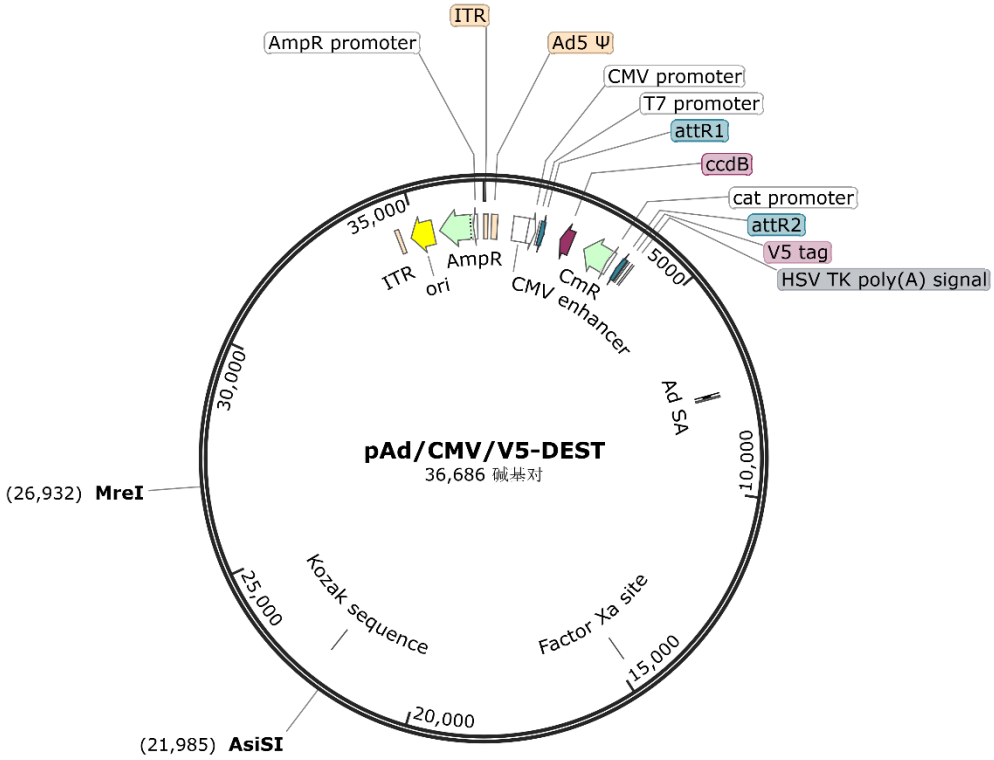
使用手册 V1.0

北京天净沙基因科技有限公司

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## 产品及特点

PAd/CMV/V5-DEST 质粒 DNA 是一款全长 36686 bp 的腺病毒 DEST 载体，该质粒具有 ori 复制子，携带氨苄青霉素抗性基因和氯霉素抗性基因等。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 |
|---|---|---|---|
| PAd/CMV/V5-DEST<br>质粒 DNA 干粉 | 1-4536 | 2 μg | 0.5 mL 本色管 |
| 使用手册 | sc1-4536 | 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      catcatcaat  aatatacctt  attttggatt  gaagccaata  tgataatgag  ggggtggagt
61     ttgtgacgtg  gcgcggggcg  tgggaacggg  gcgggtgacg  tagtagtgtg  gcggaagtgt
121    gatgttgcaa  gtgtggcgga  acacatgtaa  gcgacggatg  tggcaaaagt  gacgtttttg
181    gtgtgcgccg  gtgtacacag  gaagtgacaa  ttttcgcgcg  gttttaggcg  gatgttgtag
241    taaatttggg  cgtaaccgag  taagatttgg  ccattttcgc  gggaaaactg  aataagagga
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481    aattctcgag  cggccgctag  cgacatcgga  tctcccgatc  ccctatggtc  gactctcagt
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| 661 | tgcatgaaga | atctgcttag | ggttaggcgt | tttgcgctgc | ttcgcgatgt | acgggccaga |
| 721 | tatacgcgtt | gacattgatt | attgactagt | tattaatagt | aatcaattac | ggggtcatta |
| 781 | gttcatagcc | catatatgga | gttccgcgtt | acataactta | cggtaaatgg | cccgcctggc |
| 841 | tgaccgccca | acgacccccg | cccattgacg | tcaataatga | cgtatgttcc | catagtaacg |
| 901 | ccaataggga | ctttccattg | acgtcaatgg | gtggactatt | tacggtaaac | tgcccacttg |
| 961 | gcagtacatc | aagtgtatca | tatgccaagt | acgcccccta | ttgacgtcaa | tgacggtaaa |
| 1021 | tggcccgcct | ggcattatgc | ccagtacatg | accttatggg | actttcctac | ttggcagtac |
| 1081 | atctacgtat | tagtcatcgc | tattaccatg | gtgatgcggt | tttggcagta | catcaatggg |
| 1141 | cgtggatagc | ggtttgactc | acggggattt | ccaagtctcc | accccattga | cgtcaatggg |
| 1201 | agtttgtttt | ggcaccaaaa | tcaacgggac | tttccaaaat | gtcgtaacaa | ctccgcccca |
| 1261 | ttgacgcaaa | tgggcggtag | gcgtgtacgg | tgggaggtct | atataagcag | agctctctgg |
| 1321 | ctaactagag | aacccactgc | ttactggctt | atcgaaatta | atacgactca | ctatagggag |
| 1381 | acccaagctg | gctagttaag | ctatcaacaa | gtttgtacaa | aaaagctgaa | cgagaaacgt |
| 1441 | aaaatgatat | aaatatcaat | atattaaatt | agattttgca | taaaaaacag | actacataat |
| 1501 | actgtaaaac | acaacatatc | cagtcactat | gaatcaacta | cttagatggt | attagtgacc |
| 1561 | tgtagtcgac | cgacagcctt | ccaaatgttc | ttcgggtgat | gctgccaact | tagtcgaccg |
| 1621 | acagccttcc | aaatgttctt | ctcaaacgga | atcgtcgtat | ccagcctact | cgctattgtc |
| 1681 | ctcaatgccg | tattaaatca | taaaaagaaa | taagaaaaag | aggtgcgagc | ctcttttttg |
| 1741 | tgtgacaaaa | taaaaacatc | tacctattca | tatacgctag | tgtcatagtc | ctgaaaatca |
| 1801 | tctgcatcaa | gaacaatttc | acaactctta | tacttttctc | ttacaagtcg | ttcggcttca |
| 1861 | tctggatttt | cagcctctat | acttactaaa | cgtgataaag | tttctgtaat | ttctactgta |
| 1921 | tcgacctgca | gactggctgt | gtataaggga | gcctgacatt | tatattcccc | agaacatcag |
| 1981 | gttaatggcg | tttttgatgt | cattttcgcg | gtggctgaga | tcagccactt | cttccccgat |
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| 2161 | ggggatcacc | atccgtcgcc | cgggcgtgtc | aataatatca | ctctgtacat | ccacaaacag |
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| 2401 | ttaccagacc | ggagatattg | acatcatata | tgccttgagc | aactgatagc | tgtcgctgtc |
| 2461 | aactgtcact | gtaatacgct | gcttcatagc | acacctcttt | ttgacatact | tcgggtatac |
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| 2701 | atcgccagcg | gcatcagcac | cttgtcgcct | tgcgtataat | atttgcccat | ggtgaaaacg |
| 2761 | ggggcgaaga | agttgtccat | attggccacg | tttaaatcaa | aactggtgaa | actcacccag |
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| 3241 | gtatatccag | tgatttttt | ctccatttta | gcttccttag | ctcctgaaaa | tctcgataac |
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| 3541 | ttgattcata | gtgactggat | atgttgtgtt | ttacagtatt | atgtagtctg | ttttttatgc |
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| 3721 | ctcggtctcg | attctacgcg | taccggttag | taatgagttt | aaacgggggа | ggctaactga |
| 3781 | aacacggaag | gagacaatac | cggaaggaac | ccgcgctatg | acggcaataa | aaagacagaa |
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| 3901 | actctgtcga | taccccaccg | agaccccatt | ggggccaata | cgcccgcgtt | tcttccтttt |
| 3961 | ccccacccca | ccccccaagt | tcgggtgaag | gcccagggct | cgcagccaac | gtcggggcgg |
| 4021 | caggccctgc | catagcagat | ccgattcgac | agatcactga | aatgtgtggg | cgtggcttaa |
| 4081 | gggtgggaaa | gaatatataa | ggtgggggtc | ttatgtagtt | ttgtatctgt | tttgcagcag |
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| 4201 | cgcgcatgcc | cccatgggcc | ggggtgcgtc | agaatgtgat | gggctccagc | attgatggtc |
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| 6721 | cgcggtgatg | cctttgaggg | tggccgcatc | catctggtca | gaaaagacaa | tctttttgtt |
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| 8521 | atgcgagccg | atcgggaaga | actggatctc | ccgccaccaa | ttggaggagt | ggctattgat |
| 8581 | gtggtgaaag | tagaagtccc | tgcgacgggc | cgaacactcg | tgctggcttt | tgtaaaaacg |
| 8641 | tgcgcagtac | tggcagcggt | gcacgggctg | tacatcctgc | acgaggttga | cctgacgacc |
| 8701 | gcgcacaagg | aagcagagtg | ggaatttgag | cccctcgcct | ggcgggtttg | gctggtggtc |
| 8761 | ttctacttcg | gctgcttgtc | cttgaccgtc | tggctgctcg | aggggagtta | cggtggatcg |
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| 8881 | gacaacatcg | cgcagatggg | agctgtccat | ggtctggagc | tcccgcggcg | tcaggtcagg |
| 8941 | cgggagctcc | tgcaggttta | cctcgcatag | acgggtcagg | gcgcgggcta | gatccaggtg |
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| | 20761 | catggaaatc | aatctaaatg | ccaacctgtg | gagaaatttc | ctgtactcca | acatagcgct |
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| | 21661 | taacatgacc | aaagactggt | tcctggtaca | aatgctagct | aactacaaca | ttggctacca |
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| 23341 | agctgccttc | ccaaaaaggg | cgcgtgccca | ggctttgagt | tgcactcgca | ccgtagtggc |
| 23401 | atcaaaaggt | gaccgtgccc | ggtctgggcg | ttaggataca | gcgcctgcat | aaaagccttg |
| 23461 | atctgcttaa | aagccacctg | agcctttgcg | ccttcagaga | agaacatgcc | gcaagacttg |
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| 31501 | aatttcgaat | catttttcat | tcagtagtat | agccccacca | ccacatagct | tatacagatc |
| 31561 | accgtacctt | aatcaaactc | acagaaccct | agtattcaac | ctgccacctc | cctcccaaca |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 31621 | cacagagtac | acagtccttt | ctccccggct | ggccttaaaa | agcatcatat | catgggtaac |
| 31681 | agacatattc | ttaggtgtta | tattccacac | ggtttcctgt | cgagccaaac | gctcatcagt |
| 31741 | gatattaata | aactccccgg | gcagctcact | taagttcatg | tcgctgtcca | gctgctgagc |
| 31801 | cacaggctgc | tgtccaactt | gcggttgctt | aacgggcggc | gaaggagaag | tccacgccta |
| 31861 | catgggggta | gagtcataat | cgtgcatcag | gatagggcgg | tggtgctgca | gcagcgcgcg |
| 31921 | aataaactgc | tgccgccgcc | gctccgtcct | gcaggaatac | aacatggcag | tggtctcctc |
| 31981 | agcgatgatt | cgcaccgccc | gcagcataag | gcgccttgtc | ctccgggcac | agcagcgcac |
| 32041 | cctgatctca | cttaaatcag | cacagtaact | gcagcacagc | accacaatat | tgttcaaaat |
| 32101 | cccacagtgc | aaggcgctgt | atccaaagct | catggcgggg | accacagaac | ccacgtggcc |
| 32161 | atcataccac | aagcgcaggt | agattaagtg | gcgacccctc | ataaacacgc | tggacataaa |
| 32221 | cattacctct | tttggcatgt | tgtaattcac | cacctcccgg | taccatataa | acctctgatt |
| 32281 | aaacatggcg | ccatccacca | ccatcctaaa | ccagctggcc | aaaacctgcc | cgccggctat |
| 32341 | acactgcagg | gaaccgggac | tggaacaatg | acagtggaga | gcccaggact | cgtaaccatg |
| 32401 | gatcatcatg | ctcgtcatga | tatcaatgtt | ggcacaacac | aggcacacgt | gcatacactt |
| 32461 | cctcaggatt | acaagctcct | cccgcgttag | aaccatatcc | cagggaacaa | cccattcctg |
| 32521 | aatcagcgta | aatcccacac | tgcagggaag | acctcgcacg | taactcacgt | tgtgcattgt |
| 32581 | caaagtgtta | cattcgggca | gcagcggatg | atcctccagt | atggtagcgc | gggtttctgt |
| 32641 | ctcaaaagga | ggtagacgat | ccctactgta | cggagtgcgc | cgagacaacc | gagatcgtgt |
| 32701 | tggtcgtagt | gtcatgccaa | atggaacgcc | ggacgtagtc | atatttcctg | aagcaaaacc |
| 32761 | aggtgcgggc | gtgacaaaca | gatctgcgtc | tccggtctcg | ccgcttagat | cgctctgtgt |
| 32821 | agtagttgta | gtatatccac | tctctcaaag | catccaggcg | ccccctggct | tcgggttcta |
| 32881 | tgtaaactcc | ttcatgcgcc | gctgccctga | taacatccac | caccgcagaa | taagccacac |
| 32941 | ccagccaacc | tacacattcg | ttctgcgagt | cacacacggg | aggagcggga | agagctggaa |
| 33001 | gaaccatgtt | ttttttttta | ttccaaaaga | ttatccaaaa | cctcaaaatg | aagatctatt |
| 33061 | aagtgaacgc | gctcccctcc | ggtggcgtgg | tcaaactcta | cagccaaaga | acagataatg |
| 33121 | gcatttgtaa | gatgttgcac | aatggcttcc | aaaaggcaaa | cggccctcac | gtccaagtgg |
| 33181 | acgtaaaggc | taaacccttc | agggtgaatc | tcctctataa | acattccagc | accttcaacc |
| 33241 | atgcccaaat | aattctcatc | tcgccacctt | ctcaatatat | ctctaagcaa | atcccgaata |
| 33301 | ttaagtccgg | ccattgtaaa | aatctgctcc | agagcgccct | ccaccttcag | cctcaagcag |
| 33361 | cgaatcatga | ttgcaaaaat | tcaggttcct | cacagacctg | tataagattc | aaaagcggaa |
| 33421 | cattaacaaa | aataccgcga | tcccgtaggt | cccttcgcag | ggccagctga | acataatcgt |
| 33481 | gcaggtctgc | acggaccagc | gcggccactt | ccccgccagg | aaccttgaca | aaagaaccca |
| 33541 | cactgattat | gacacgcata | ctcggagcta | tgctaaccag | cgtagccccg | atgtaagctt |
| 33601 | tgttgcatgg | gcggcgatat | aaaatgcaag | gtgctgctca | aaaaatcagg | caaagcctcg |
| 33661 | cgcaaaaaag | aaagcacatc | gtagtcatgc | tcatgcagat | aaaggcaggt | aagctccgga |
| 33721 | accaccacag | aaaaagacac | catttttctc | tcaaacatgt | ctgcgggttt | ctgcataaac |
| 33781 | acaaaataaa | ataacaaaaa | aacatttaaa | cattagaagc | ctgtcttaca | acaggaaaaa |
| 33841 | caacccttat | aagcataaga | cggactacgg | ccatgccggc | gtgaccgtaa | aaaaactggt |
| 33901 | caccgtgatt | aaaaagcacc | accgacagct | cctcggtcat | gtccggagtc | ataatgtaag |
| 33961 | actcggtaaa | cacatcaggt | tgattcacat | cggtcagtgc | taaaaagcga | ccgaaatagc |
| 34021 | ccgggggaat | acatacccgc | aggcgtagag | acaacattac | agcccccata | ggaggtataa |
| 34081 | caaaattaat | aggagagaaa | aacacataaa | cacctgaaaa | accctcctgc | ctaggcaaaa |
| 34141 | tagcaccctc | ccgctccaga | acaacataca | gcgcttccac | agcggcagcc | ataacagtca |
| 34201 | gccttaccag | taaaaaagaa | aacctattaa | aaaaacacca | ctcgacacgg | caccagctca |
| 34261 | atcagtcaca | gtgtaaaaaa | gggccaagtg | cagagcgagt | atatatagga | ctaaaaaatg |
| 34321 | acgtaacggt | taaagtccac | aaaaaacacc | cagaaaaccg | cacgcgaacc | tacgcccaga |
| 34381 | aacgaaagcc | aaaaaaccca | caacttcctc | aaatcgtcac | ttccgttttc | ccacgttacg |

| | |
|---|---|
| | 34441 tcacttccca ttttaagaaa actacaattc ccaacacata caagttactc cgccctaaaa<br>34501 cctacgtcac ccgccccgtt cccacgcccc gcgccacgtc acaaactcca ccccctcatt<br>34561 atcatattgg cttcaatcca aaataaggta tattattgat gatgttaatt aatttaaatc<br>34621 cgcatgcgat atcgagctct cccgggaatt cggatctgcg acgcgaggct ggatggcctt<br>34681 ccccattatg attcttctcg cttccggcgg catcgggatg cccgcgttgc aggccatgct<br>34741 gtccaggcag gtagatgacg accatcaggg acagcttcac ggccagcaaa aggccaggaa<br>34801 ccgtaaaaag gccgcgttgc tggcgttttt ccataggctc cgccccccctg acgagcatca<br>34861 caaaaatcga cgctcaagtc agaggtggcg aaacccgaca ggactataaa gataccaggc<br>34921 gtttccccct ggaagctccc tcgtgcgctc tcctgttccg accctgccgc ttaccggata<br>34981 cctgtccgcc tttctccctt cgggaagcgt ggcgctttct caatgctcac gctgtaggta<br>35041 tctcagttcg gtgtaggtcg ttcgctccaa gctgggctgt gtgcacgaac cccccgttca<br>35101 gcccgaccgc tgcgccttat ccggtaacta tcgtcttgag tccaacccgg taagacacga<br>35161 cttatcgcca ctggcagcag ccactggtaa caggattagc agagcgaggt atgtaggcgg<br>35221 tgctacagag ttcttgaagt ggtggcctaa ctacggctac actagaagga cagtatttgg<br>35281 tatctgcgct ctgctgaagc cagttacctt cggaaaaaga gttggtagct cttgatccgg<br>35341 caaacaaacc accgctggta gcggtggttt ttttgtttgc aagcagcaga ttacgcgcag<br>35401 aaaaaaagga tctcaagaag atcctttgat cttttctacg gggtctgacg ctcagtggaa<br>35461 cgaaaactca cgttaaggga ttttggtcat gagattatca aaaaggatct tcacctagat<br>35521 ccttttaaat caatctaaag tatatatgag taaacttggt ctgacagtta ccaatgctta<br>35581 atcagtgagg cacctatctc agcgatctgt ctatttcgtt catccatagt tgcctgactc<br>35641 cccgtcgtgt agataactac gatacgggag ggcttaccat ctggccccag tgctgcaatg<br>35701 ataccgcgag acccacgctc accggctcca gatttatcag caataaacca gccagccgga<br>35761 agggccgagc gcagaagtgg tcctgcaact ttatccgcct ccatccagtc tattaattgt<br>35821 tgccgggaag ctagagtaag tagttcgcca gttaatagtt tgcgcaacgt tgttgccatt<br>35881 gntgcaggca tcgtggtgtc acgctcgtcg tttggtatgg cttcattcag ctccggttcc<br>35941 caacgatcaa ggcgagttac atgatccccc atgttgtgca aaaaagcggt tagctccttc<br>36001 ggtcctccga tcgttgtcag aagtaagttg gccgcagtgt tatcactcat ggttatggca<br>36061 gcactgcata attctcttac tgtcatgcca tccgtaagat gcttttctgt gactggtgag<br>36121 tactcaacca agtcattctg agaatagtgt atgcggcgac cgagttgctc ttgcccggcg<br>36181 tcaacacggg ataataccgc gccacatagc agaactttaa aagtgctcat cattggaaaa<br>36241 cgttcttcgg ggcgaaaact ctcaaggatc ttaccgctgt tgagatccag ttcgatgtaa<br>36301 cccactcgtg cacccaactg atcttcagca tcttttactt tcaccagcgt ttctgggtga<br>36361 gcaaaaacag gaaggcaaaa tgccgcaaaa aagggaataa gggcgacacg gaaatgttga<br>36421 atactcatac tcttccttttt tcaatattat tgaagcattt atcagggtta ttgtctcatg<br>36481 agcggataca tatttgaatg tatttagaaa aataaacaaa taggggttcc gcgcacattt<br>36541 ccccgaaaag tgccacctga cgtctaagaa accattatta tcatgacatt aacctataaa<br>36601 aataggcgta tcacgaggcc ctttcgtctt caaggatccg aattcccggg agagctcgat<br>36661 atcgcatgcg gatttaaatt aattaa |
| **测序结果** | 本批次（045189lyc）测序序列与上述序列完全一致，与 SnapGene 标准序列完全一致。 |
| **关联产品** | pDSG398 质粒 DNA |