天净沙系列

CAT#:1-2751

常温运输及保存

pESC-HIS 质粒 DNA

pESC-HIS Plasmid DNA

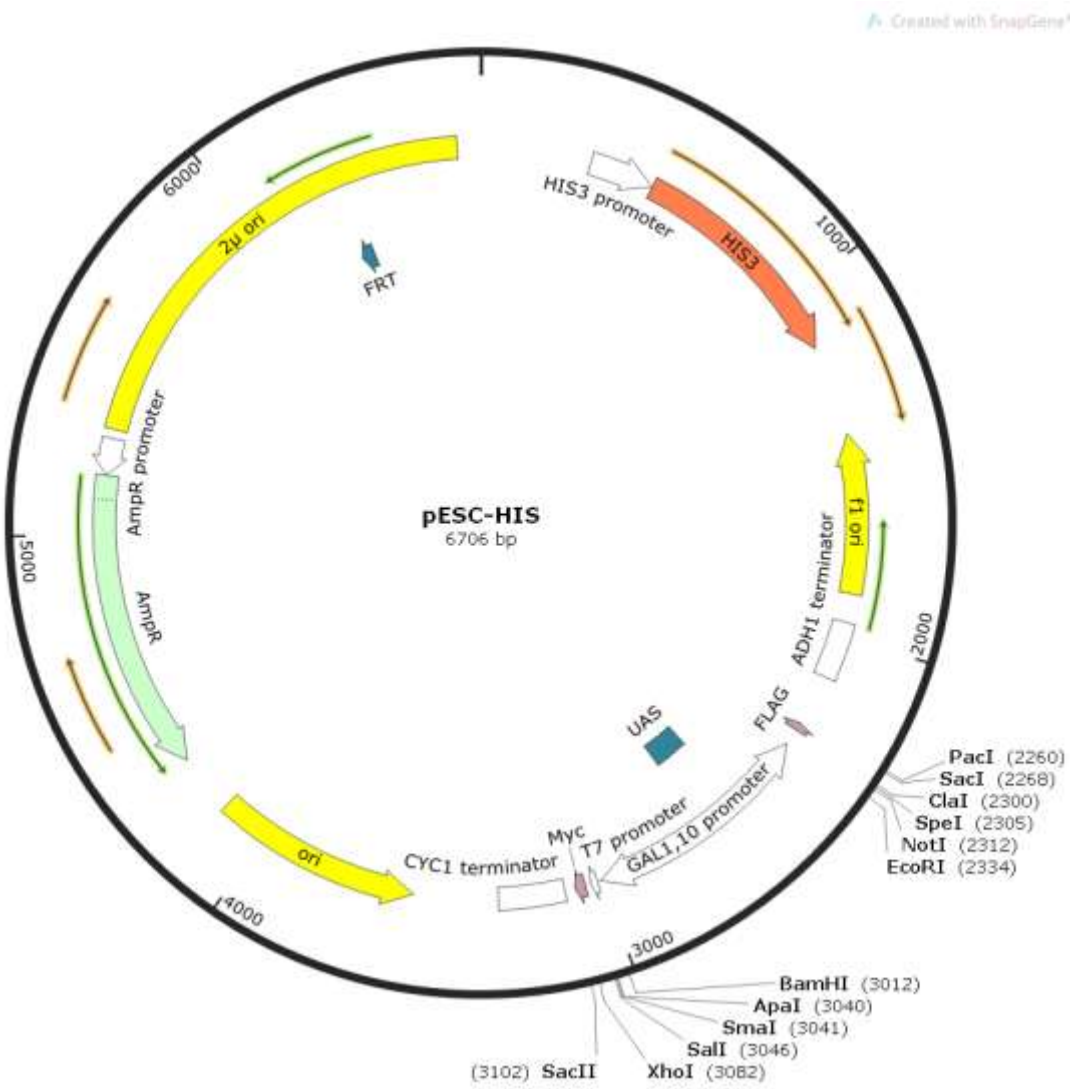
使用手册 V1.0

北京天净沙基因科技有限公司

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产品及特点

pESC-HIS 是一种酵母质粒载体。pESC-HIS 质粒大小为 6706 bp，属于高拷贝数质粒。该质粒具有 ori 复制子，GAL1,10 启动子，还带有 Myc 和 FLAG 标签。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
pESC-HIS 质粒 DNA 干粉	1-2751	2 μg	0.5 mL 本色管
使用手册	sc1-2751	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 TCGCGCGTTT CGGTGATGAC GGTGAAAACC TCTGACACAT GCAGCTCCCG GAGACGGTCA
 61 CAGCTTGTCT GTAAGCGGAT GCCGGGAGCA GACAAGCCCG TCAGGGCGCG TCAGCGGGTG
121 TTGGCGGGTG TCGGGGCTGG CTTAACTATG CGGCATCAGA GCAGATTGTA CTGAGAGTGC
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 181 ACCATAAATT CCCGTTTTAA GAGCTTGGTG AGCGCTAGGA GTCACTGCCA GGTATCGTTT
 241 GAACACGGCA TTAGTCAGGG AAGTCATAAC ACAGTCCTTT CCCGCAATTT TCTTTTTCTA
 301 TTACTCTTGG CCTCCTCTAG TACACTCTAT ATTTTTTTAT GCCTCGGTAA TGATTTTCAT
 361 TTTTTTTTTT CCCCTAGCGG ATGACTCTTT TTTTTTCTTA GCGATTGGCA TTATCACATA
 421 ATGAATTATA CATTATATAA AGTAATGTGA TTTCTTCGAA GAATATACTA AAAAATGAGC
 481 AGGCAAGATA AACGAAGGCA AAGATGACAG AGCAGAAAGC CCTAGTAAAG CGTATTACAA
 541 ATGAAACCAA GATTCAGATT GCGATCTCTT TAAAGGGTGG TCCCCTAGCG ATAGAGCACT
 601 CGATCTTCCC AGAAAAAGAG GCAGAAGCAG TAGCAGAACA GGCCACACAA TCGCAAGTGA
 661 TTAACGTCCA CACAGGTATA GGGTTTCTGG ACCATATGAT ACATGCTCTG GCCAAGCATT
 721 CCGGCTGGTC GCTAATCGTT GAGTGCATTG GTGACTTACA CATAGACGAC CATCACACCA
 781 CTGAAGACTG CGGGATTGCT CTCGGTCAAG CTTTTAAAGA GGCCCTACTG GCGCGTGGAG
 841 TAAAAAGGTT TGGATCAGGA TTTGCGCCTT TGGATGAGGC ACTTTCCAGA GCGGTGGTAG
 901 ATCTTTCGAA CAGGCCGTAC GCAGTTGTCG AACTTGGTTT GCAAAGGGAG AAAGTAGGAG
 961 ATCTCTCTTG CGAGATGATC CCGCATTTTC TTGAAAGCTT TGCAGAGGCT AGCAGAATTA
1021 CCCTCCACGT TGATTGTCTG CGAGGCAAGA ATGATCATCA CCGTAGTGAG AGTGCGTTCA
1081 AGGCTCTTGC GGTTGCCATA AGAGAAGCCA CCTCGCCCAA TGGTACCAAC GATGTTCCCT
1141 CCACCAAAGG TGTTCTTATG TAGTGACACC GATTATTTAA AGCTGCAGCA TACGATATAT
1201 ATACATGTGT ATATATGTAT ACCTATGAAT GTCAGTAAGT ATGTATACGA ACAGTATGAT
1261 ACTGAAGATG ACAAGGTAAT GCATCATTCT ATACGTGTCA TTCTGAACGA GGCGCGCTTT
1321 CCTTTTTTCT TTTTGCTTTT TCTTTTTTTT TCTCTTGAAC TCGACGGATC TATGCGGTGT
1381 GAAATACCGC ACAGATGCGT AAGGAGAAAA TACCGCATCA GGAAATTGTA AACGTTAATA
1441 TTTTGTTAAA ATTCGCGTTA AATTTTTGTT AAATCAGCTC ATTTTTTAAC CAATAGGCCG
1501 AAATCGGCAA AATCCCTTAT AAATCAAAAG AATAGACCGA GATAGGGTTG AGTGTTGTTC
1561 CAGTTTGGAA CAAGAGTCCA CTATTAAAGA ACGTGGACTC CAACGTCAAA GGGCGAAAAA
1621 CCGTCTATCA GGGCGATGGC CCACTACGTG AACCATCACC CTAATCAAGT TTTTTGGGGT
1681 CGAGGTGCCG TAAAGCACTA AATCGGAACC CTAAAGGGAG CCCCCGATTT AGAGCTTGAC
1741 GGGGAAAGCC GGCGAACGTG GCGAGAAAGG AAGGGAAGAA AGCGAAAGGA GCGGGCGCTA
1801 GGGCGCTGGC AAGTGTAGCG GTCACGCTGC GCGTAACCAC CACACCCGCC GCGCTTAATG
1861 CGCCGCTACA GGGCGCGTCG CGCCATTCGC CATTCAGGCT GCGCAACTGT TGGGAAGGGC
1921 GATCGGTGCG GGCCTCTTCG CTATTACGCC AGCTGAATTG GAGCGACCTC ATGCTATACC
1981 TGAGAAAGCA ACCTGACCTA CAGGAAAGAG TTACTCAAGA ATAAGAATTT TCGTTTTAAA
2041 ACCTAAGAGT CACTTTAAAA TTTGTATACA CTTATTTTTT TTATAACTTA TTTAATAATA
2101 AAAATCATAA ATCATAAGAA ATTCGCTTAT TTAGAAGTGT CAACAACGTA TCTACCAACG
2161 ATTTGACCCT TTTCCATCTT TTCGTAAATT TCTGGCAAGG TAGACAAGCC GACAACCTTG
2221 ATTGGAGACT TGACCAAACC TCTGGCGAAG AATTGTTAAT TAAGAGCTCA GATCTTATCG
2281 TCGTCATCCT TGTAATCCAT CGATACTAGT GCGGCCGCCC TTTAGTGAGG GTTGAATTCG
2341 AATTTTCAAA AATTCTTACT TTTTTTTTGG ATGGACGCAA AGAAGTTTAA TAATCATATT
2401 ACATGGCATT ACCACCATAT ACATATCCAT ATACATATCC ATATCTAATC TTACTTATAT
2461 GTTGTGGAAA TGTAAAGAGC CCCATTATCT TAGCCTAAAA AAACCTTCTC TTTGGAACTT
2521 TCAGTAATAC GCTTAACTGC TCATTGCTAT ATTGAAGTAC GGATTAGAAG CCGCCGAGCG
2581 GGTGACAGCC CTCCGAAGGA AGACTCTCCT CCGTGCGTCC TCGTCTTCAC CGGTCGCGTT
2641 CCTGAAACGC AGATGTGCCT CGCGCCGCAC TGCTCCGAAC AATAAAGATT CTACAATACT
2701 AGCTTTTATG GTTATGAAGA GGAAAAATTG GCAGTAACCT GGCCCCACAA ACCTTCAAAT
2761 GAACGAATCA AATTAACAAC CATAGGATGA TAATGCGATT AGTTTTTTAG CCTTATTTCT
2821 GGGGTAATTA ATCAGCGAAG CGATGATTTT TGATCTATTA ACAGATATAT AAATGCAAAA
2881 ACTGCATAAC CACTTTAACT AATACTTTCA ACATTTTCGG TTTGTATTAC TTCTTATTCA
2941 AATGTAATAA AAGTATCAAC AAAAAATTGT TAATATACCT CTATACTTTA ACGTCAAGGA
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3001 GAAAAAACCC CGGATCCGTA ATACGACTCA CTATAGGGCC CGGGCGTCGA CATGGAACAG
3061 AAGTTGATTT CCGAAGAAGA CCTCGAGTAA GCTTGGTACC GCGGCTAGCT AAGATCCGCT
3121 CTAACCGAAA AGGAAGGAGT TAGACAACCT GAAGTCTAGG TCCCTATTTA TTTTTTTATA
3181 GTTATGTTAG TATTAAGAAC GTTATTTATA TTTCAAATTT TTCTTTTTTT TCTGTACAGA
3241 CGCGTGTACG CATGTAACAT TATACTGAAA ACCTTGCTTG AGAAGGTTTT GGGACGCTCG
3301 AAGATCCAGC TGCATTAATG AATCGGCCAA CGCGCGGGGA GAGGCGGTTT GCGTATTGGG
3361 CGCTCTTCCG CTTCCTCGCT CACTGACTCG CTGCGCTCGG TCGTTCGGCT GCGGCGAGCG
3421 GTATCAGCTC ACTCAAAGGC GGTAATACGG TTATCCACAG AATCAGGGGA TAACGCAGGA
3481 AAGAACATGT GAGCAAAAGG CCAGCAAAAG GCCAGGAACC GTAAAAAGGC CGCGTTGCTG
3541 GCGTTTTTCC ATAGGCTCCG CCCCCCTGAC GAGCATCACA AAAATCGACG CTCAAGTCAG
3601 AGGTGGCGAA ACCCGACAGG ACTATAAAGA TACCAGGCGT TTCCCCCTGG AAGCTCCCTC
3661 GTGCGCTCTC CTGTTCCGAC CCTGCCGCTT ACCGGATACC TGTCCGCCTT TCTCCCTTCG
3721 GGAAGCGTGG CGCTTTCTCA TAGCTCACGC TGTAGGTATC TCAGTTCGGT GTAGGTCGTT
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3841 GGTAACTATC GTCTTGAGTC CAACCCGGTA AGACACGACT TATCGCCACT GGCAGCAGCC
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4381 GTCGTGTAGA TAACTACGAT ACGGGAGGGC TTACCATCTG GCCCCAGTGC TGCAATGATA
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	5821 TATATTCTAT ACCGATGTGG ATTGCGCATA CTTTGTGAAC AGAAAGTGAT AGCGTTGATG 5881 ATTCTTCATT GGTCAGAAAA TTATGAACGG TTTCTTCTAT TTTGTCTCTA TATACTACGT 5941 ATAGGAAATG TTTACATTTT CGTATTGTTT TCGATTCACT CTATGAATAG TTCTTACTAC 6001 AATTTTTTTG TCTAAAGAGT AATACTAGAG ATAAACATAA AAAATGTAGA GGTCGAGTTT 6061 AGATGCAAGT TCAAGGAGCG AAAGGTGGAT GGGTAGGTTA TATAGGGATA TAGCACAGAG 6121 ATATATAGCA AAGAGATACT TTTGAGCAAT GTTTGTGGAA GCGGTATTCG CAATATTTTA 6181 GTAGCTCGTT ACAGTCCGGT GCGTTTTTGG TTTTTTGAAA GTGCGTCTTC AGAGCGCTTT 6241 TGGTTTTCAA AAGCGCTCTG AAGTTCCTAT ACTTTCTAGA GAATAGGAAC TTCGGAATAG 6301 GAACTTCAAA GCGTTTCCGA AAACGAGCGC TTCCGAAAAT GCAACGCGAG CTGCGCACAT 6361 ACAGCTCACT GTTCACGTCG CACCTATATC TGCGTGTTGC CTGTATATAT ATATACATGA 6421 GAAGAACGGC ATAGTGCGTG TTTATGCTTA AATGCGTACT TATATGCGTC TATTTATGTA 6481 GGATGAAAGG TAGTCTAGTA CCTCCTGTGA TATTATCCCA TTCCATGCGG GGTATCGTAT 6541 GCTTCCTTCA GCACTACCCT TTAGCTGTTC TATATGCTGC CACTCCTCAA TTGGATTAGT 6601 CTCATCCTTC AATGCTATCA TTTCCTTTGA TATTGGATCA TCTAAGAAAC CATTATTATC 6661 ATGACATTAA CCTATAAAAA TAGGCGTATC ACGAGGCCCT TTCGTC
测序结果	本批次（032010hb）质粒测序结果与上述序列在 2941-3989 bp 有以下不同：2948 位 T 变 G，2950 位 A 变 T，2959 位 A 变 C，2960-2961 位缺失 CA，3769 位插入 G，3851 位插入 C，3874 位 C 变 A。
关联产品	pmCherry-C1 质粒 DNA

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