天净沙系列

CAT#:1-4152

常温运输及保存

天净沙

pHT01 质粒 DNA

pHT01 Plasmid DNA

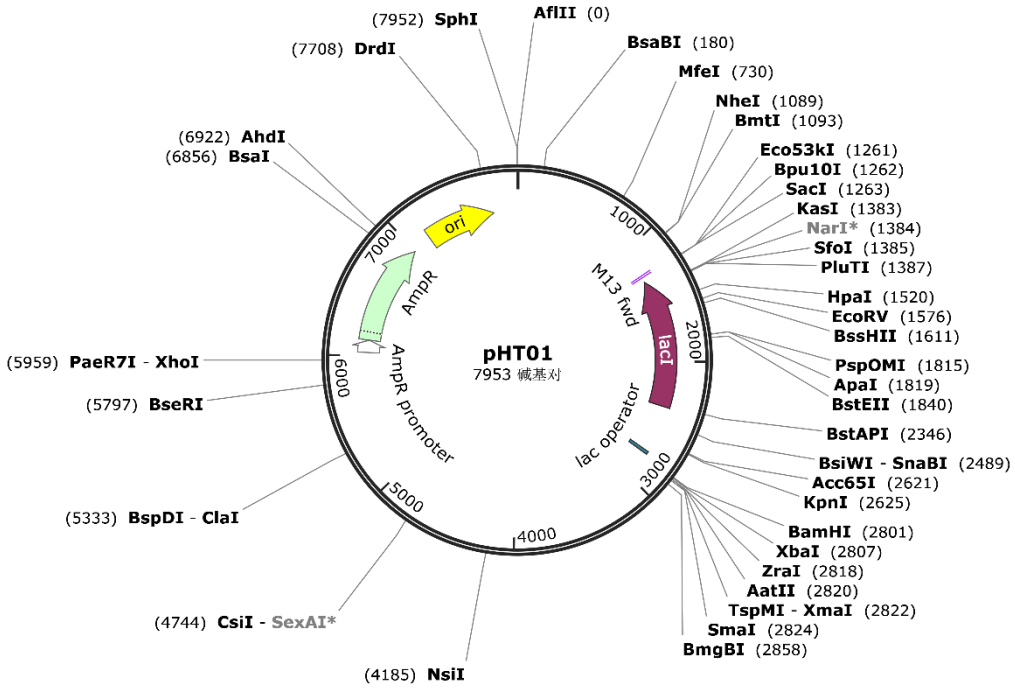
使用手册 V1.0

北京天净沙基因科技有限公司

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产品及特点

pHT01 质粒 DNA 是一种穿梭质粒，专为链霉菌中的目的基因克隆与表达而设计，大小为 7953 bp。该质粒具有 ori 复制子和 lac 操纵子，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
pHT01 质粒 DNA 干粉	1-4152	2 μg	0.5 mL 本色管
使用手册	sc1-4152	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      TTAAGTTATT GGTATGACTG GTTTTAAGCG CAAAAAAAGT TGCTTTTTCG TACCTATTAA
61     TGTATCGTTA GAAAACCGAC TGTAAAAAGT ACAGTCGGCA TTATCTCATA TTATAAAAGC
121    CAGTCATTAG GCCTATCTGA CAATTCCTGA ATAGAGTTCA TAAACAATCC TGCATGATAA
181    CCATCACAAA CAGAATGATG TACCTGTAAA GATAGCGGTA AATATATTGA ATTACCTTTA
241    TTAATGAATT TTCCTGCTGT AATAATGGGT AGAAGGTAAT TACTATTATT ATTGATATTT
301    AAGTTAAACC CAGTAAATGA AGTCCATGGA ATAATAGAAA GAGAAAAAGC ATTTTCAGGT
361    ATAGGTGTTT TGGGAAACAA TTTCCCCGAA CCATTATATT TCTCTACATC AGAAAGGTAT
421    AAATCATAAA ACTCTTTGAA GTCATTCTTT ACAGGAGTCC AAATACCAGA GAATGTTTTA
481    GATACACCAT CAAAAATTGT ATAAAGTGGC TCTAACTTAT CCCAATAACC TAACTCTCCG
541    TCGCTATTGT AACCAGTTCT AAAAGCTGTA TTTGAGTTTA TCACCCTTGT CACTAAGAAA
601    ATAAATGCAG GGTAAAATTT ATATCCTTCT TGTTTTATGT TTCGGTATAA AACACTAATA
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661	TCAATTTCTG	TGGTTATACT	AAAAGTCGTT	TGTTGGTTCA	AATAATGATT	AAATATCTCT
721	TTTCTCTTCC	AATTGTCTAA	ATCAATTTTA	TTAAAGTTCA	TTTGATATGC	CTCCTAAATT
781	TTTATCTAAA	GTGAATTTAG	GAGGCTTACT	TGTCTGCTTT	CTTCATTAGA	ATCAATCCTT
841	TTTTAAAAGT	CAATATTACT	GTAACATAAA	TATATATTTT	AAAAATATCC	CACTTTATCC
901	AATTTTCGTT	TGTTGAACTA	ATGGGTGCTT	TAGTTGAAGA	ATAAAAGACC	ACATTAAAAA
961	ATGTGGTCTT	TTGTGTTTTT	TTAAAGGATT	TGAGCGTAGC	GAAAAATCCT	TTTCTTTCTT
1021	ATCTTGATAA	TAAGGGTAAC	TATTGCCGTC	GTCCATTCCG	ACAGCATCGC	CAGTCACTAT
1081	GGCGTGCTGC	TAGCGCCATT	CGCCATTCAG	GCTGCGCAAC	TGTTGGGAAG	GGCGATCGGT
1141	GCGGGCCTCT	TCGCTATTAC	GCCAGCTGGC	GAAAGGGGGA	TGTGCTGCAA	GGCGATTAAG
1201	TTGGGTAACG	CCAGGGTTTT	CCCAGTCACG	ACGTTGTAAA	ACGACGGCCA	GTGAATTCGA
1261	GCTCAGGCCT	TAACTCACAT	TAATTGCGTT	GCGCTCACTG	CCCGCTTTCC	AGTCGGGAAA
1321	CCTGTCGTGC	CAGCTGCATT	AATGAATCGG	CCAACGCGCG	GGGAGAGGCG	GTTTGCGTAT
1381	TGGGCGCCAG	GGTGGTTTTT	CTTTTCACCA	GTGAGACGGG	CAACAGCTGA	TTGCCCTTCA
1441	CCGCCTGGCC	CTGAGAGAGT	TGCAGCAAGC	GGTCCACGCT	GGTTTGCCCC	AGCAGGCGAA
1501	AATCCTGTTT	GATGGTGGTT	AACGGCGGGA	TATAACATGA	GCTGTCTTCG	GTATCGTCGT
1561	ATCCCACTAC	CGAGATATCC	GCACCAACGC	GCAGCCCGGA	CTCGGTAATG	GCGCGCATTG
1621	CGCCCAGCGC	CATCTGATCG	TTGGCAACCA	GCATCGCAGT	GGGAACGATG	CCCTCATTCA
1681	GCATTTGCAT	GGTTTGTTGA	AAACCGGACA	TGGCACTCCA	GTCGCCTTCC	CGTTCCGCTA
1741	TCGGCTGAAT	TTGATTGCGA	GTGAGATATT	TATGCCAGCC	AGCCAGACGC	AGACGCGCCG
1801	AGACAGAACT	TAATGGGCCC	GCTAACAGCG	CGATTTGCTG	GTGACCCAAT	GCGACCAGAT
1861	GCTCCACGCC	CAGTCGCGTA	CCGTCTTCAT	GGGAGAAAAT	AATACTGTTG	ATGGGTGTCT
1921	GGTCAGAGAC	ATCAAGAAAT	AACGCCGGAA	CATTAGTGCA	GGCAGCTTCC	ACAGCAATGG
1981	CATCCTGGTC	ATCCAGCGGA	TAGTTAATGA	TCAGCCCACT	GACGCGTTGC	GCGAGAAGAT
2041	TGTGCACCGC	CGTTTTACAG	GCTTCGACGC	CGCTTCGTTC	TACCATCGAC	ACCACCACGC
2101	TGGCACCCAG	TTGATCGGCG	CGAGATTTAA	TCGCCGCGAC	AATTTGCGAC	GGCGCGTGCA
2161	GGGCCAGACT	GGAGGTGGCA	ACGCCAATCA	GCAACGACTG	TTTGCCCGCC	AGTTGTTGTG
2221	CCACGCGGTT	GGGAATGTAA	TTCAGCTCCG	CCATCGCCGC	TTCCACTTTT	TCCCGCGTTT
2281	TCGCAGAAAC	GTGGCTGGCC	TGGTTCACCA	CGCGGGAAAC	GGTCTGATAA	GAGACACCGG
2341	CATACTCTGC	GACATCGTAT	AACGTTACTG	GTTTCATCAA	AATCGTCTCC	CTCCGTTTGA
2401	ATATTTGATT	GATCGTAACC	AGATGAAGCA	CTCTTTCCAC	TATCCCTACA	GTGTTATGGC
2461	TTGAACAATC	ACGAAACAAT	AATTGGTACG	TACGATCTTT	CAGCCGACTC	AAACATCAAA
2521	TCTTACAAAT	GTAGTCTTTG	AAAGTATTAC	ATATGTAAGA	TTTAAATGCA	ACCGTTTTTT
2581	CGGAAGGAAA	TGATGACCTC	GTTTCCACCG	GAATTAGCTT	GGTACCAGCT	ATTGTAACAT
2641	AATCGGTACG	GGGGTGAAAA	AGCTAACGGA	AAAGGGAGCG	GAAAAGAATG	ATGTAAGCGT
2701	GAAAAATTTT	TTATCTTATC	ACTTGAAATT	GGAAGGGAGA	TTCTTTATTA	TAAGAATTGT
2761	GGAATTGTGA	GCGGATAACA	ATTCCCAATT	AAAGGAGGAA	GGATCCTCTA	GAGTCGACGT
2821	CCCCGGGGCA	GCCCGCCTAA	TGAGCGGGCT	TTTTTCACGT	CACGCGTCCA	TGGAGATCTT
2881	TGTCTGCAAC	TGAAAAGTTT	ATACCTTACC	TGGAACAAAT	GGTTGAAACA	TACGAGGCTA
2941	ATATCGGCTT	ATTAGGAATA	GTCCCTGTAC	TAATAAAATC	AGGTGGATCA	GTTGATCAGT
3001	ATATTTTGGA	CGAAGCTCGG	AAAGAATTTG	GAGATGACTT	GCTTAATTCC	ACAATTAAAT
3061	TAAGGGAAAG	AATAAAGCGA	TTTGATGTTC	AAGGAATCAC	GGAAGAAGAT	ACTCATGATA
3121	AAGAAGCTCT	AAAACTATTC	AATAACCTTA	CAATGGAATT	GATCGAAAGG	GTGGAAGGTT
3181	AATGGTACGA	AAATTAGGGG	ATCTACCTAG	AAAGCCACAA	GGCGATAGGT	CAAGCTTAAA
3241	GAACCCTTAC	ATGGATCTTA	CAGATTCTGA	AAGTAAAGAA	ACAACAGAGG	TTAAACAAAC
3301	AGAACCAAAA	AGAAAAAAAG	CATTGTTGAA	AACAATGAAA	GTTGATGTTT	CAATCCATAA
3361	TAAGATTAAA	TCGCTGCACG	AAATTCTGGC	AGCATCCGAA	GGGAATTCAT	ATTACTTAGA
3421	GGATACTATT	GAGAGAGCTA	TTGATAAGAT	GGTTGAGACA	TTACCTGAGA	GCCAAAAAAC

3481	TTTTTATGAA	TATGAATTAA	AAAAAAGAAC	CAACAAAGGC	TGAGACAGAC	TCCAAACGAG
3541	TCTGTTTTTT	TAAAAAAAAT	ATTAGGAGCA	TTGAATATAT	ATTAGAGAAT	TAAGAAAGAC
3601	ATGGGAATAA	AAATATTTTA	AATCCAGTAA	AAATATGATA	AGATTATTTC	AGAATATGAA
3661	GAACTCTGTT	TGTTTTTGAT	GAAAAAACAA	ACAAAAAAAA	TCCACCTAAC	GGAATCTCAA
3721	TTTAACTAAC	AGCGGCCAAA	CTGAGAAGTT	AAATTTGAGA	AGGGGAAAAG	GCGGATTTAT
3781	ACTTGTATTT	AACTATCTCC	ATTTTAACAT	TTTATTAAAC	CCCATACAAG	TGAAAATCCT
3841	CTTTTACACT	GTTCCTTTAG	GTGATCGCGG	AGGGACATTA	TGAGTGAAGT	AAACCTAAAA
3901	GGAAATACAG	ATGAATTAGT	GTATTATCGA	CAGCAAACCA	CTGGAAATAA	AATCGCCAGG
3961	AAGAGAATCA	AAAAAGGGAA	AGAAGAAGTT	TATTATGTTG	CTGAAACGGA	AGAGAAGATA
4021	TGGACAGAAG	AGCAAATAAA	AAACTTTTCT	TTAGACAAAT	TTGGTACGCA	TATACCTTAC
4081	ATAGAAGGTC	ATTATACAAT	CTTAAATAAT	TACTTCTTTG	ATTTTTGGGG	CTATTTTTTA
4141	GGTGCTGAAG	GAATTGCGCT	CTATGCTCAC	CTAACTCGTT	ATGCATACGG	CAGCAAAGAC
4201	TTTTGCTTTC	CTAGTCTACA	AACAATCGCT	AAAAAAATGG	ACAAGACTCC	TGTTACAGTT
4261	AGAGGCTACT	TGAAACTGCT	TGAAAGGTAC	GGTTTTATTT	GGAAGGTAAA	CGTCCGTAAT
4321	AAAACCAAGG	ATAACACAGA	GGAATCCCCG	ATTTTTAAGA	TTAGACGTAA	GGTTCCTTTG
4381	CTTTCAGAAG	AACTTTTAAA	TGGAAACCCT	AATATTGAAA	TTCCAGATGA	CGAGGAAGCA
4441	CATGTAAAGA	AGGCTTTAAA	AAAGGAAAAA	GAGGGTCTTC	CAAAGGTTTT	GAAAAAAGAG
4501	CACGATGAAT	TTGTTAAAAA	AATGATGGAT	GAGTCAGAAA	CAATTAATAT	TCCAGAGGCC
4561	TTACAATATG	ACACAATGTA	TGAAGATATA	CTCAGTAAAG	GAGAAATTCG	AAAAGAAATC
4621	AAAAAACAAA	TACCTAATCC	TACAACATCT	TTTGAGAGTA	TATCAATGAC	AACTGAAGAG
4681	GAAAAAGTCG	ACAGTACTTT	AAAAAGCGAA	ATGCAAAATC	GTGTCTCTAA	GCCTTCTTTT
4741	GATACCTGGT	TTAAAAACAC	TAAGATCAAA	ATTGAAAATA	AAAATTGTTT	ATTACTTGTA
4801	CCGAGTGAAT	TTGCATTTGA	ATGGATTAAG	AAAAGATATT	TAGAAACAAT	TAAAACAGTC
4861	CTTGAAGAAG	CTGGATATGT	TTTCGAAAAA	ATCGAACTAA	GAAAAGTGCA	ATAAACTGCT
4921	GAAGTATTTC	AGCAGTTTTT	TTTATTTAGA	AATAGTGAAA	AAAATATAAT	CAGGGAGGTA
4981	TCAATATTTA	ATGAGTACTG	ATTTAAATTT	ATTTAGACTG	GAATTAATAA	TTAACACGTA
5041	GACTAATTAA	AATTTAATGA	GGGATAAAGA	GGATACAAAA	ATATTAATTT	CAATCCCTAT
5101	TAAATTTTAA	CAAGGGGGGG	ATTAAAATTT	AATTAGAGGT	TTATCCACAA	GAAAAGACCC
5161	TAATAAAATT	TTTACTAGGG	TTATAACACT	GATTAATTTC	TTAATGGGGG	AGGGATTAAA
5221	ATTTAATGAC	AAAGAAAACA	ATCTTTTAAG	AAAAGCTTTT	AAAAGATAAT	AATAAAAAGA
5281	GCTTTGCGAT	TAAGCAAAAC	TCTTTACTTT	TTCATTGACA	TTATCAAATT	CATCGATTTC
5341	AAATTGTTGT	TGTATCATAA	AGTTAATTCT	GTTTTGCACA	ACCTTTTCAG	GAATATAAAA
5401	CACATCTGAG	GCTTGTTTTA	TAAACTCAGG	GTCGCTAAAG	TCAATGTAAC	GTAGCATATG
5461	ATATGGTATA	GCTTCCACCC	AAGTTAGCCT	TTCTGCTTCT	TCTGAATGTT	TTTCATATAC
5521	TTCCATGGGT	ATCTCTAAAT	GATTTTCCTC	ATGTAGCAAG	GTATGAGCAA	AAAGTTTATG
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5641	TGAGTCAATG	TAAGCATAAG	ATGTTTTTCC	AGTCATAATT	TCAATCCCAA	ATCTTTTAGA
5701	CAGAAATTCT	GGACGTAAAT	CTTTTGGTGA	AAGAATTTTT	TTATGTAGCA	ATATATCCGA
5761	TACAGCACCT	TCTAAAAGCG	TTGGTGAATA	GGGCATTTTA	CCTATCTCCT	CTCATTTTGT
5821	GGAATAAAAA	TAGTCATATT	CGTCCATCTA	CCTATCCTAT	TATCGAACAG	TTGAACTTTT
5881	TAATCAAGGA	TCAGTCCTTT	TTTTCATTAT	TCTTAAACTG	TGCTCTTAAC	TTTAACAACT
5941	CGATTTGTTT	TTCCAGATCT	CGAGGGTAAC	TAGCCTCGCC	GATCCCGCAA	GAGGCCCGGC
6001	AGTCAGGTGG	CACTTTTCGG	GGAAATGTGC	GCGGAACCCC	TATTTGTTTA	TTTTTCTAAA
6061	TACATTCAAA	TATGTATCCG	CTCATGAGAC	AATAACCCTG	ATAAATGCTT	CAATAATATT
6121	GAAAAAGGAA	GAGTATGAGT	ATTCAACATT	TCCGTGTCGC	CCTTATTCCC	TTTTTTGCGG
6181	CATTTTGCCT	TCCTGTTTTT	GCTCACCCAG	AAACGCTGGT	GAAAGTAAAA	GATGCTGAAG
6241	ATCAGTTGGG	TGCACGAGTG	GGTTACATCG	AACTGGATCT	CAACAGCGGT	AAGATCCTTG

	6301	AGAGTTTTCG	CCCCGAAGAA	CGTTTTCCAA	TGATGAGCAC	TTTTAAAGTT	CTGCTATGTG
	6361	GCGCGGTATT	ATCCCGTATT	GACGCCGGGC	AAGAGCAACT	CGGTCGCCGC	ATACACTATT
	6421	CTCAGAATGA	CTTGGTTGAG	TACTCACCAG	TCACAGAAAA	GCATCTTACG	GATGGCATGA
	6481	CAGTAAGAGA	ATTATGCAGT	GCTGCCATAA	CCATGAGTGA	TAACACTGCG	GCCAACTTAC
	6541	TTCTGACAAC	GATCGGAGGA	CCGAAGGAGC	TAACCGCTTT	TTTGCACAAC	ATGGGGGATC
	6601	ATGTAACTCG	CCTTGATCGT	TGGGAACCGG	AGCTGAATGA	AGCCATACCA	AACGACGAGC
	6661	GTGACACCAC	GATGCCTGTA	GCAATGGCAA	CAACGTTGCG	CAAACTATTA	ACTGGCGAAC
	6721	TACTTACTCT	AGCTTCCCGG	CAACAATTAA	TAGACTGGAT	GGAGGCGGAT	AAAGTTGCAG
	6781	GACCACTTCT	GCGCTCGGCC	CTTCCGGCTG	GCTGGTTTAT	TGCTGATAAA	TCTGGAGCCG
	6841	GTGAGCGTGG	GTCTCGCGGT	ATCATTGCAG	CACTGGGGCC	AGATGGTAAG	CCCTCCCGTA
	6901	TCGTAGTTAT	CTACACGACG	GGGAGTCAGG	CAACTATGGA	TGAACGAAAT	AGACAGATCG
	6961	CTGAGATAGG	TGCCTCACTG	ATTAAGCATT	GGTAACTGTC	AGACCAAGTT	TACTCATATA
	7021	TACTTTAGAT	TGATTTAAAA	CTTCATTTTT	AATTTAAAAG	GATCTAGGTG	AAGATCCTTT
	7081	TTGATAATCT	CATGACCAAA	ATCCCTTAAC	GTGAGTTTTC	GTTCCACTGA	GCGTCAGACC
	7141	CCGTAGAAAA	GATCAAAGGA	TCTTCTTGAG	ATCCTTTTTT	TCTGCGCGTA	ATCTGCTGCT
	7201	TGCAAACAAA	AAAACCACCG	CTACCAGCGG	TGGTTTGTTT	GCCGGATCAA	GAGCTACCAA
	7261	CTCTTTTTCC	GAAGGTAACT	GGCTTCAGCA	GAGCGCAGAT	ACCAAATACT	GTTCTTCTAG
	7321	TGTAGCCGTA	GTTAGGCCAC	CACTTCAAGA	ACTCTGTAGC	ACCGCCTACA	TACCTCGCTC
	7381	TGCTAATCCT	GTTACCAGTG	GCTGCTGCCA	GTGGCGATAA	GTCGTGTCTT	ACCGGGTTGG
	7441	ACTCAAGACG	ATAGTTACCG	GATAAGGCGC	AGCGGTCGGG	CTGAACGGGG	GGTTCGTGCA
	7501	CACAGCCCAG	CTTGGAGCGA	ACGACCTACA	CCGAACTGAG	ATACCTACAG	CGTGAGCTAT
	7561	GAGAAAGCGC	CACGCTTCCC	GAAGGGAGAA	AGGCGGACAG	GTATCCGGTA	AGCGGCAGGG
	7621	TCGGAACAGG	AGAGCGCACG	AGGGAGCTTC	CAGGGGGAAA	CGCCTGGTAT	CTTTATAGTC
	7681	CTGTCGGGTT	TCGCCACCTC	TGACTTGAGC	GTCGATTTTT	GTGATGCTCG	TCAGGGGGGC
	7741	GGAGCCTATG	GAAAAACGCC	AGCAACGCGG	CCTTTTTACG	GTTCCTGGCC	TTTTGCTGGC
	7801	CTTTTGCTCA	CATGTTCTTT	CCTGCGTTAT	CCCCTGATTC	TGTGGATAAC	CGTATTACCG
	7861	CCTTTGAGTG	AGCTGATACC	GCTCGCCGCA	GCCGAACGAC	CGAGCGCAGC	GAGTCAGTGA
	7921	GCGAGGAAGC	GGAAGAGCGC	CCAATACGCA	TGC		
测序结果	本批次（037046hb）测序序列与上述序列完全一致。						
关联产品	pMDIII 质粒 DNA						

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