天净沙系列

CAT#:1-531

常温运输及保存

天净沙

pAUR123 质粒 DNA

pAUR123 Plasmid DNA

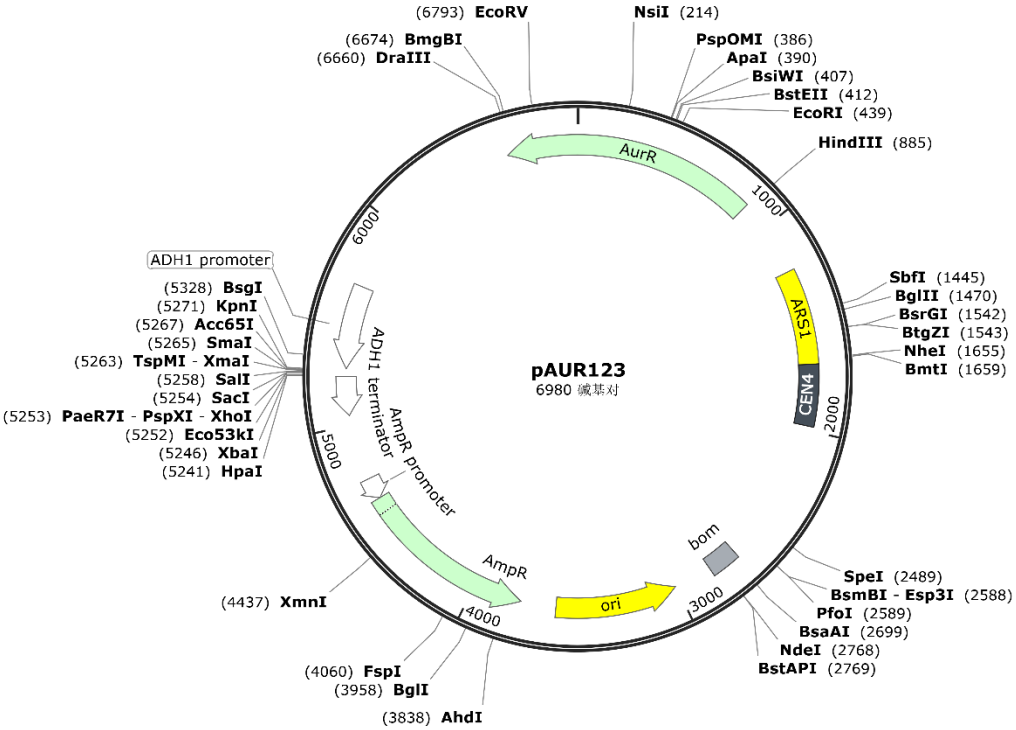
使用手册 V1.0

北京天净沙基因科技有限公司

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产品及特点

pAUR123 载体来源于 pAUR112，是一种蛋白质表达穿梭载体，能够在酿酒酵母细胞中自主复制。pAUR123 质粒大小为 6980 bp，具有 ADH1 启动子。此载体在大肠杆菌中的选择标记是氨苄青霉素，在酿酒酵母中的选择标记是 Aureobasidin A (AbA)，其抗性基因是 AUR1-C，含有可以在酿酒酵母中自主复制的序列 CEN/ARS。本载体不适用于蛋白质的高表达。



规格及成分

本产品使用 logo 热封袋包装

成分	编号	规格	包装
pAUR123 质粒 DNA 干粉	1-531	2 μg	0.5 mL 本色管
使用手册	sc1-531	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 自备超纯水或 TE 缓冲液溶解，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      GAACGTGGCG AGAAAGGAAG GGAAGAAAGC GAAAGGAGCG GGCGCTAGGG CGCTGGCAAG
61     TGTAGCGGTC ACGCTGCGCG TAACCACCAC ACCCGCCGCG CTTAATGCGC CGCTACAGGG
121    CGCGTCAGGT GGCACTTTTC GGGGAAATGT GCGCGGAACC CCTATTTGTT TATTTTTCTA
181    AATACATTCA AATATGTATC CGCTCATGAG ACAATAACCC TGATAAATGC TTCAATAATA
241    TTGAAAAAGG AAGAGTATGA GTATTCAACA TTTCCGTGTC GCCCTTATTC CCTTTTTTGC
301    GGCATTTTGC CTTCCTGTTT TTGCTCACCC AGAAACGCTG GTGAAAGTAA AAGATGCTGA
361    AGATCAGTTG GGTGCACGAG TGGGTTACAT CGAACTGGAT CTCAACAGCG GTAAGATCCT
421    TGAGAGTTTT CGCCCCGAAG AACGTTTTCC AATGATGAGC ACTTTTAAAG TTCTGCTATG
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	481	TGGCGCGGTA	TTATCCCGTG	TTGACGCCGG	GCAAGAGCAA	CTCGGTCGCC	GCATACACTA
	541	TTCTCAGAAT	GACTTGGTTG	AGTACTCACC	AGTCACAGAA	AAGCATCTTA	CGGATGGCAT
	601	GACAGTAAGA	GAATTATGCA	GTGCTGCCAT	AACCATGAGT	GATAACACTG	CGGCCAACTT
	661	ACTTCTGACA	ACGATCGGAG	GACCGAAGGA	GCTAACCGCT	TTTTTGCACA	ACATGGGGGA
	721	TCATGTAACT	CGCCTTGATC	GTTGGGAACC	GGAGCTGAAT	GAAGCCATAC	CAAACGACGA
	781	GCGTGACACC	ACGATGCCTG	CAGCAATGGC	AACAACGTTG	CGCAAACTAT	TAACTGGCGA
	841	ACTACTTACT	CTAGCTTCCC	GGCAACAATT	AATAGACTGG	ATGGAGGCGG	ATAAAGTTGC
	901	AGGACCACTT	CTGCGCTCGG	CCCTTCCGGC	TGGCTGGTTT	ATTGCTGATA	AATCTGGAGC
	961	CGGTGAGCGT	GGGTCTCGCG	GTATCATTGC	AGCACTGGGG	CCAGATGGTA	AGCCCTCCCG
	1021	TATCGTAGTT	ATCTACACGA	CGGGGAGTCA	GGCAACTATG	GATGAACGAA	ATAGACAGAT
	1081	CGCTGAGATA	GGTGCCTCAC	TGATTAAGCA	TTGGTAACTG	TCAGACCAAG	TTTACTCATA
	1141	TATACTTTAG	ATTGATTTAA	AACTTCATTT	TTAATTTAAA	AGGATCTAGG	TGAAGATCCT
	1201	TTTTGATAAT	CTCATGACCA	AAATCCCTTA	ACGTGAGTTT	TCGTTCCACT	GAGCGTCAGA
	1261	CCCCGTAGAA	AAGATCAAAG	GATCTTCTTG	AGATCCTTTT	TTTCTGCGCG	TAATCTGCTG
	1321	CTTGCAAACA	AAAAAACCAC	CGCTACCAGC	GGTGGTTTGT	TTGCCGGATC	AAGAGCTACC
	1381	AACTCTTTTT	CCGAAGGTAA	CTGGCTTCAG	CAGAGCGCAG	ATACCAAATA	CTGTCCTTCT
	1441	AGTGTAGCCG	TAGTTAGGCC	ACCACTTCAA	GAACTCTGTA	GCACCGCCTA	CATACCTCGC
	1501	TCTGCTAATC	CTGTTACCAG	TGGCTGCTGC	CAGTGGCGAT	AAGTCGTGTC	TTACCGGGTT
	1561	GGACTCAAGA	CGATAGTTAC	CGGATAAGGC	GCAGCGGTCG	GGCTGAACGG	GGGGTTCGTG
	1621	CACACAGCCC	AGCTTGGAGC	GAACGACCTA	CACCGAACTG	AGATACCTAC	AGCGTGAGCT
	1681	ATGAGAAAGC	GCCACGCTTC	CCGAAGGGAG	AAAGGCGGAC	AGGTATCCGG	TAAGCGGCAG
	1741	GGTCGGAACA	GGAGAGCGCA	CGAGGGAGCT	TCCAGGGGGA	AACGCCTGGT	ATCTTTATAG
	1801	TCCTGTCGGG	TTTCGCCACC	TCTGACTTGA	GCGTCGATTT	TTGTGATGCT	CGTCAGGGGG
	1861	GCGGAGCCTA	TGGAAAAACG	CCAGCAACGC	GGCCTTTTTA	CGGTTCCTGG	CCTTTTGCTG
	1921	GCCTTTTGCT	CACATGTTCT	TTCCTGCGTT	ATCCCCTGAT	TCTGTGGATA	ACCGTATTAC
	1981	CGCCTTTGAG	TGAGCTGATA	CCGCTCGCCG	CAGCCGAACG	ACCGAGCGCA	GCGAGTCAGT
	2041	GAGCGAGGAA	GCGGAAGAGC	GCCTGATGCG	GTATTTTCTC	CTTACGCATC	TGTGCGGTAT
	2101	TTCACACCGC	ATATGGTGCA	CTCTCAGTAC	AATCTGCTCT	GATGCCGCAT	AGTTAAGCCA
	2161	GTATACACTC	CGCTATCGCT	ACGTGACTGG	GTCATGGCTG	CGCCCCGACA	CCCGCCAACA
	2221	CCCGCTGACG	CGCCCTGACG	GGCTTGTCTG	CTCCCGGCAT	CCGCTTACAG	ACAAGCTGTG
	2281	ACCGTCTCCG	GGAGCTGCAT	GTGTCAGAGG	TTTTCACCGT	CATCACCGAA	ACGCGCGAGG
	2341	CAGCTGGGCC	ATTCTCATGA	AGAATATCTT	GAATTTATTG	TCATATTACT	AGTTGGTGTG
	2401	GAAGTCCTAA	TATCGGTGAT	CAATATAGTG	GTTGACATGC	TGGCTAGTCA	ACATTGAGCC
	2461	TTTTGATCAT	GCAAATATAT	TACGGTATTT	TACAATCAAA	TATCAAACTT	AACTATTGAC
	2521	TTTATAACTT	ATTTAGGTGG	TAACATTCTT	ATAAAAAAGA	AAAAAATTAC	TGCAAAACAG
	2581	TACTAGCTTT	TAACTTGTAT	CCTAGGTTAT	CTATGCTGTC	TCACCATAGA	GAATATTACC
	2641	TATTTCAGAA	TGTATGTCCA	TGATTCGCCG	GGTAAATACA	TATAATACAC	AAATCTGGCT
	2701	TAATAAAGTC	TATAATATAT	CTCATAAAGA	AGTGCTAAAT	TGGCTAGTGC	TATATATTTT
	2761	TAAGAAAATT	TCTTTTGACT	AAGTCCATAT	CGACTTTGTA	AAAGTTCACA	TTAGCATACA
	2821	TATATTACAC	GAGCCAGAAA	TAGTAACTTT	TGCCTAAATC	ACAAATTGCA	AAATTTAATT
	2881	GCTTGCAAAA	GGTCACATGC	TTATAATCAA	CTTTTTTAAA	AATTTAAAAT	ACTTTTTTAT
	2941	TTTTTATTTT	TAAACATAAA	TGAAATAATT	TATTTATTGT	TTATGATTAC	CGAAACATAA
	3001	AACCTGCTCA	AGAAAAAGAA	ACTGTTTTGT	CCTTGGAAAA	AAAGCACTAC	CTAGGAGCGG
	3061	CCAAAATGCC	GAGGCTTTCA	TAGCTTAAAC	TCTTTACAGA	AAATAGGCAT	TATAGATCAG
	3121	TTCGAGTTTT	CTTATTCTTC	CTTCCGGTTT	TATCGTCACA	GTTTTACAGT	AAATAAGTAT
	3181	CACCTCTTAG	AGTTGGCGGT	TGTTTGCAAG	ACCGAGAAAA	GGCTAGCAAG	AATCGGGTCA
	3241	TTGTAGCGTA	TGCGCCTGTG	AACATTCTCT	TCAACAAGTT	TGATTCCATT	GCGGTGAAAT
	3301	GGTAAAAGTC	AACCCCCTGC	GATGTATATT	TTCCTGTACA	ATCAATCAAA	AAGCCAAATG

3361	ATTTAGCATT	ATCTTTACAT	CTTGTTATTT	TACAGATTTT	ATGTTTAGAT	CTTTTATGCT
3421	TGCTTTTCAA	AAGGCCTGCA	GGCAAGTGCA	CAAACAATAC	TTAAATAAAT	ACTACTCAGT
3481	AATAACCTAT	TTCTTAGCAT	TTTTGACGAA	ATTTGCTATT	TTGTTAGAGT	CTTTTACACC
3541	ATTTGTCTCC	ACACCTCCGC	TTACATCAAC	ACCAATAACG	CCATTTAATC	TAAGCGCATC
3601	ACCAACATTT	TCTGGCGTCA	GTCCACCAGC	TAACATAAAA	TGTAAGCTCG	AATTTCGAGA
3661	AAGTGCCCAT	CAGTGTTCAT	ATTTGTTACA	AAGTGGTTTT	CTGATTTGGT	ACTACTGCAG
3721	AGGCGTATTT	TTTGCTTCAG	TTACCATAGC	GTAAGAACAC	TAGCGACTTT	TGTTCGTGAA
3781	CCAACAGAGT	AGGATTTCTA	CTGCTACATC	TCTTAGGTAG	TTGGTTAGTC	CGATCGCTCA
3841	CTTTTGGTTG	TTGTTAAGTA	CTTCATAAGT	TTATCCTTTT	CCTTTTTCAC	ACTGAGCTAC
3901	TTTGGGTATA	GCTTTTGGCC	CAAGGATCTT	TGAATTTTCT	CCAAAAGTAC	TTTATTTTAT
3961	ATCCTACAGG	TTGCGGTTTT	CATATTTTAA	AAAGCTTTTA	ATCATTCCTT	TGCGTATGGC
4021	AAACCCTTTT	TCGAGATGGT	TTCTATCAGA	GAGACCTCCA	AACTGCCATG	TAGCCGATTT
4081	AGAAACAAGT	TTAGATCCCC	ATCAAACGTT	GTTGAAGGTG	CAAAAATACA	AACCCGCTTT
4141	AAGCGACTGG	GTGCATTACA	TCTTCTTGGG	ATCCATCATG	CTGTTTGTGT	TCATTACTAA
4201	TCCCGCACCT	TGGATCTTCA	AGATCCTTTT	TTATTGTTTC	TTGGGCACTT	TATTCATCAT
4261	TCCAGCTACG	TCACAGTTTT	TCTTCAATGC	CTTGCCCATC	CTAACATGGG	TGGCGCTGTA
4321	TTTCACTTCA	TCGTACTTTC	CAGATGACCG	CAGGCCTCCT	ATTACTGTCA	AAGTGTTACC
4381	AGCGGTGGAA	ACAATTTTAT	ACGGCGACAA	TTTAAGTGAT	ATTCTTGCAA	CATCGACGAA
4441	TTCCTTTTTG	GACATTTTAG	CATGGTTACC	GTACGGACTA	TTTCATTATG	GGGCCCCATT
4501	TGTCGTTGCT	GCCATCTTAT	TCGTATTTGG	TCCACCAACT	GTTTTGCAAG	GTTATGCTTT
4561	TGCATTTGGT	TATATGAACC	TGTTTGGTGT	TATCATGCAA	AATGTCTTTC	CAGCCGCTCC
4621	CCCATGGTAT	AAAATTCTCT	ATGGATTGCA	ATCAGCCAAC	TATGATATGC	ATGGCTCGCC
4681	TGGTGGATTA	GCTAGAATTG	ATAAGCTACT	CGGTATTAAT	ATGTATACTA	CATGTTTTTC
4741	AAATTCCTCC	GTCATTTTCG	GTGCTTTTCC	TTCACTGCAT	TCCGGGTGTG	CTACTATGGA
4801	AGCCCTGTTT	TTCTGTTATT	GTTTTCCAAA	ATTGAAGCCC	TTGTTTATTG	CTTATGTTTG
4861	CTGGTTATGG	TGGTCAACTA	TGTATCTGAC	ACACCATTAT	TTTGTAGACC	TTATGGCAGG
4921	TTCTGTGCTG	TCATACGTTA	TTTTCCAGTA	CACAAAGTAC	ACACATTTAC	CAATTGTAGA
4981	TACATCTCTT	TTTTGCAGAT	GGTCATACAC	TTCAATTGAG	AAATACGATA	TATCAAAGAG
5041	TGATCCATTG	GCTGCAGATT	CAAACGATAT	CGAAAGTGTC	CCTTTGTCCA	ACTTGGAACT
5101	TGACTTTGAT	CTTAATATGA	CTGATGAACC	CAGTGTAAGC	CCTTCGTTAT	TTGATGGATC
5161	TACTTCTGTT	TCTCGTTCGT	CCGCCACGTC	TATAACGTCA	CTAGGTGTAA	AGAGGGCTTA
5221	ATGAGTATTT	TATCTGCAAT	TACGGATACG	GTTGGTCTTA	TGTAGATACA	TATAAATATA
5281	TATCTTTTTC	TTTCTTTTTC	TTAGTCAGGA	TTGTCGTTTA	GCATAATATA	CATGTAGTTT
5341	ATTTAATCAC	ATACCACTGA	TTATCTTTAG	AATTTTATAA	ATTTTTGAAA	TAAATGGGTG
5401	GCTTTTAATG	GTGTCTATGT	TAAGTGAGGC	TTTTAGAATG	CTCTTCCTGC	TTTGTTTATT
5461	ATATGTGTAT	GAAAGATATG	TATGTATTTA	CATGTGTTTG	TAGCGTCCCC	AGTCAAAACC
5521	TGTGCGCTAT	ACCTAAATGG	ATTGATAATC	TTCATTCACT	AATTCTAAAA	TAGACTTCTT
5581	CCCCAAAGAA	CGGTGTAACG	ATGAGGCTCT	ATCCAGCTGC	TTATCTAAAT	CAACTTTAAC
5641	GATGGATGAT	CTTATGACAC	GGGGATCTTT	CTTTAAAGTT	CTTAGAATTT	CAGACTGTAC
5701	CGCAGCTGAT	GAATCAAACA	GCATTAAAAA	GTGATATGCT	CGAAAATGTT	TTTCCTGGTC
5761	TTTCTTCATT	ATTTTAGGAA	GATACCTTAT	GCCCATGGGT	ACAATGTCCC	TCACCACACC
5821	TCTGTTTTGA	ATAATCAGTT	TCCCGATTGT	GGAAGACAAT	TCTTTTGCTT	CCAACTTTGG
5881	CGCATTGGAG	TTGGTTATGC	GAACAAGTCC	GATCAGCTCA	TAAAGCATCT	TAGTGAAAAG
5941	GGTGGTTTTG	CGTTATTCTT	TCCTCTGGAT	CCTCTAGCTC	CCTAACATGT	AGGTGGCGGA
6001	GGGGAGATAT	ACAATAGAAC	AGATACCAGA	CAAGACATAA	TGGGCTAAAC	AAGACTACAC
6061	CAATTACACT	GCCTCATTGA	TGGTGGTACA	TAACGAACTA	ATACTGTAGC	CCTAGACTTG
6121	ATAGCCATCA	TCATATCGAA	GTTTCACTAC	CCTTTTTCCA	TTTGCCATCT	ATTGAAGTAA
6181	TAATAGGCGC	ATGCAACTTC	TTTTCTTTTT	TTTTCTTTTC	TCTCTCCCCC	GTTGTTGTCT

	6241 CACCATATCC GCAATGACAA AAAAATGATG GAAGACACTA AAGGAAAAAA TTAACGACAA 6301 AGACAGCACC AACAGATGTC GTTGTTCCAG AGCTGATGAG GGGTATCTCG AAGCACACGA 6361 AACTTTTTCC TTCCTTCATT CACGCACACT ACTCTCTAAT GAGCAACGGT ATACGGCCTT 6421 CCTTCCAGTT ACTTGAATTT GAAATAAAAA AAGTTTGCTG TCTTGCTATC AAGTATAAAT 6481 AGACCTGCAA TTATTAATCT TTTGTTTCCT CGTCATTGTT CTCGTTCCCT TTCTTCCTTG 6541 TTTCTTTTTC TGCACAATAT TTCAAGCTAT ACCAAGCATA CAATCAACTG GTACCCGGGT 6601 CGACTCGAGC TCTAGAGGTT AACTAAGCGA ATTTCTTATG ATTTATGATT TTTATTATTA 6661 AATAAGTTAT AAAAAAAATA AGTGTATACA AATTTTAAAG TGACTCTTAG GTTTTAAAAC 6721 GAAAATTCTT ATTCTTGAGT AACTCTTTCC TGTAGGTCAG GTTGCTTTCT CAGGTATAGC 6781 ATGAGGTCGC TCTTATTGAC CACATCTCTA CCGGCATGCC GAGCAAATGC CTGCAAATCG 6841 CTCCCCATTT CACCCAATTG TAGATATGCT AACTCCAGCA ATGAGTTGAT GAATCTCGGT 6901 GTGTATTTTA TGTCCTCAGA GGACAACACC TGTTGTAATC GTTCTTCCAC ACGGATCCAC 6961 AGCCTAGCCT TCAGTCGAGC
测序结果	本批次(045082lyc)测序序列与上述序列完全一致，与 SnapGene 标准序列比对，存在 2 个突变位点，分别为 2408A→T、2409T→A。
关联产品	pmCherry-C1 质粒 DNA