天净沙系列

CAT#:1-2022

常温运输及保存

天净沙

pCMV-hypBase 质粒 DNA

pCMV-hypBase Plasmid DNA

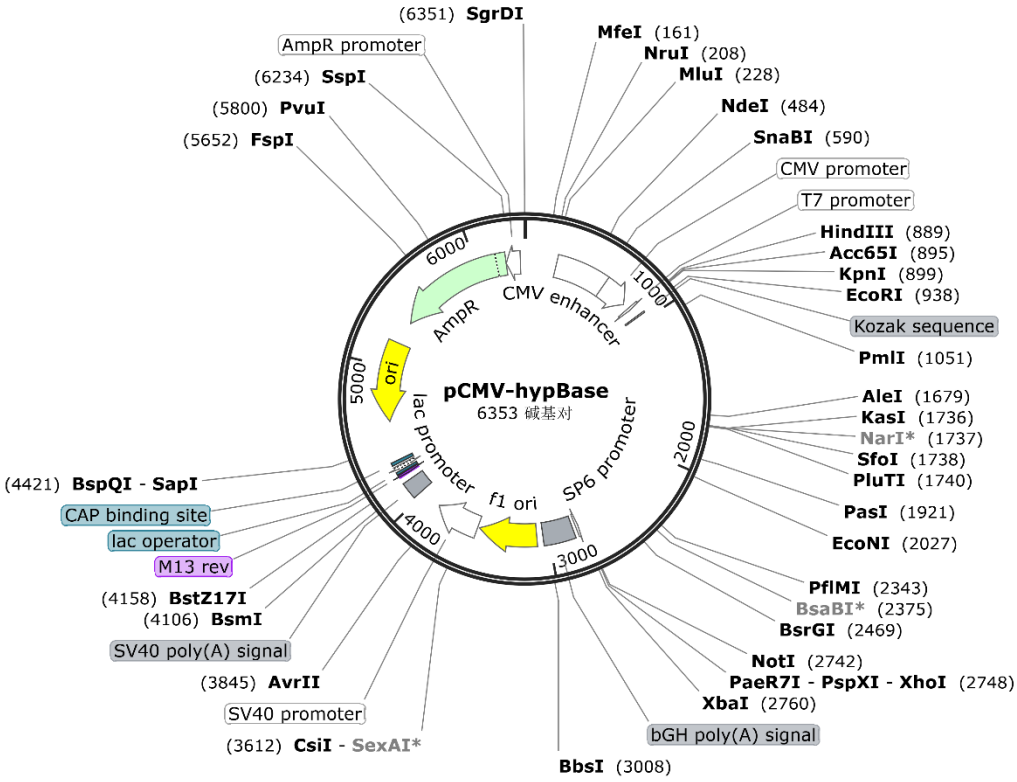
使用手册 V1.0

北京天净沙基因科技有限公司

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产品及特点

pCMV-hypBase 质粒 DNA 是一款全长 6353 bp 的表达高活性 PiggyBac 转座酶 hyPBase 的辅助质粒，该质粒具有 ori 复制子，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
pCMV-hypBase 质粒 DNA 干粉	1-2022	2 μg	0.5 mL 本色管
使用手册	sc1-2022	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      GACGGATCGG GAGATCTCCC GATCCCCTAT GGTGCACTCT CAGTACAATC TGCTCTGATG
61     CCGCATAGTT AAGCCAGTAT CTGCTCCCTG CTTGTGTGTT GGAGGTCGCT GAGTAGTGCG
121    CGAGCAAAAT TTAAGCTACA ACAAGGCAAG GCTTGACCGA CAATTGCATG AAGAATCTGC
181    TTAGGGTTAG GCGTTTTGCG CTGCTTCGCG ATGTACGGGC CAGATATACG CGTTGACATT
241    GATTATTGAC TAGTTATTAA TAGTAATCAA TTACGGGGTC ATTAGTTCAT AGCCCATATA
301    TGGAGTTCCG CGTTACATAA CTTACGGTAA ATGGCCCGCC TGGCTGACCG CCCAACGACC
361    CCCGCCCATT GACGTCAATA ATGACGTATG TTCCCATAGT AACGCCAATA GGGACTTTCC
421    ATTGACGTCA ATGGGTGGAG TATTTACGGT AAACTGCCCA CTTGGCAGTA CATCAAGTGT
481    ATCATATGCC AAGTACGCCC CCTATTGACG TCAATGACGG TAAATGGCCC GCCTGGCATT
541    ATGCCCAGTA CATGACCTTA TGGGACTTTC CTACTTGGCA GTACATCTAC GTATTAGTCA
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601	TCGCTATTAC	CATGGTGATG	CGGTTTTGGC	AGTACATCAA	TGGGCGTGGA	TAGCGGTTTG
661	ACTCACGGGG	ATTTCCAAGT	CTCCACCCCA	TTGACGTCAA	TGGGAGTTTG	TTTTGGCACC
721	AAAATCAACG	GGACTTTCCA	AAATGTCGTA	ACAACTCCGC	CCCATTGACG	CAAATGGGCG
781	GTAGGCGTGT	ACGGTGGGAG	GTCTATATAA	GCAGAGCTCT	CTGGCTAACT	AGAGAACCCA
841	CTGCTTACTG	GCTTATCGAA	ATTAATACGA	CTCACTATAG	GGAGACCCAA	GCTTGGTACC
901	GAGCTCGGAT	CCACTAGTAA	CGGCCGCCAG	TGTGCTGGAA	TTCGCCGCCA	CCATGGGCAG
961	CAGCCTGGAC	GACGAGCACA	TCCTGAGCGC	CCTGCTGCAG	AGCGACGACG	AGCTGGTCGG
1021	CGAGGACAGC	GACAGCGAGG	TGAGCGACCA	CGTGAGCGAG	GACGACGTGC	AGTCCGACAC
1081	CGAGGAGGCC	TTCATCGACG	AGGTGCACGA	GGTGCAGCCT	ACCAGCAGCG	GCTCCGAGAT
1141	CCTGGACGAG	CAGAACGTGA	TCGAGCAGCC	CGGCAGCTCC	CTGGCCAGCA	ACAGGATCCT
1201	GACCCTGCCC	CAGAGGACCA	TCAGGGGCAA	GAACAAGCAC	TGCTGGTCCA	CCTCCAAGCC
1261	CACCAGGCGG	AGCAGGGTGT	CCGCCCTGAA	CATCGTGAGA	AGCCAGAGGG	GCCCCACCAG
1321	GATGTGCAGG	AACATCTACG	ACCCCCTGCT	GTGCTTCAAG	CTGTTCTTCA	CCGACGAGAT
1381	CATCAGCGAG	ATCGTGAAGT	GGACCAACGC	CGAGATCAGC	CTGAAGAGGC	GGGAGAGCAT
1441	GACCTCCGCC	ACCTTCAGGG	ACACCAACGA	GGACGAGATC	TACGCCTTCT	TCGGCATCCT
1501	GGTGATGACC	GCCGTGAGGA	AGGACAACCA	CATGAGCACC	GACGACCTGT	TCGACAGATC
1561	CCTGAGCATG	GTGTACGTGA	GCGTGATGAG	CAGGGACAGA	TTCGACTTCC	TGATCAGATG
1621	CCTGAGGATG	GACGACAAGA	GCATCAGGCC	CACCCTGCGG	GAGAACGACG	TGTTCACCCC
1681	CGTGAGAAAG	ATCTGGGACC	TGTTCATCCA	CCAGTGCATC	CAGAACTACA	CCCCTGGCGC
1741	CCACCTGACC	ATCGACGAGC	AGCTGCTGGG	CTTCAGGGGC	AGGTGCCCCT	TCAGGGTCTA
1801	TATCCCCAAC	AAGCCCAGCA	AGTACGGCAT	CAAGATCCTG	ATGATGTGCG	ACAGCGGCAC
1861	CAAGTACATG	ATCAACGGCA	TGCCCTACCT	GGGCAGGGGC	ACCCAGACCA	ACGGCGTGCC
1921	CCTGGGCGAG	TACTACGTGA	AGGAGCTGTC	CAAGCCCGTC	CACGGCAGCT	GCAGAAACAT
1981	CACCTGCGAC	AACTGGTTCA	CCAGCATCCC	CCTGGCCAAG	AACCTGCTGC	AGGAGCCCTA
2041	CAAGCTGACC	ATCGTGGGCA	CCGTGAGAAG	CAACAAGAGA	GAGATCCCCG	AGGTCCTGAA
2101	GAACAGCAGG	TCCAGGCCCG	TGGGCACCAG	CATGTTCTGC	TTCGACGGCC	CCCTGACCCT
2161	GGTGTCCTAC	AAGCCCAAGC	CCGCCAAGAT	GGTGTACCTG	CTGTCCAGCT	GCGACGAGGA
2221	CGCCAGCATC	AACGAGAGCA	CCGGCAAGCC	CCAGATGGTG	ATGTACTACA	ACCAGACCAA
2281	GGGCGGCGTG	GACACCCTGG	ACCAGATGTG	CAGCGTGATG	ACCTGCAGCA	GAAAGACCAA
2341	CAGGTGGCCC	ATGGCCCTGC	TGTACGGCAT	GATCAACATC	GCCTGCATCA	ACAGCTTCAT
2401	CATCTACAGC	CACAACGTGA	GCAGCAAGGG	CGAGAAGGTG	CAGAGCCGGA	AAAAGTTCAT
2461	GCGGAACCTG	TACATGGGCC	TGACCTCCAG	CTTCATGAGG	AAGAGGCTGG	AGGCCCCCAC
2521	CCTGAAGAGA	TACCTGAGGG	ACAACATCAG	CAACATCCTG	CCCAAAGAGG	TGCCCGGCAC
2581	CAGCGACGAC	AGCACCGAGG	AGCCCGTGAT	GAAGAAGAGG	ACCTACTGCA	CCTACTGTCC
2641	CAGCAAGATC	AGAAGAAAGG	CCAGCGCCAG	CTGCAAGAAG	TGTAAGAAGG	TCATCTGCCG
2701	GGAGCACAAC	ATCGACATGT	GCCAGAGCTG	TTTCTGATGA	GCGGCCGCTC	GAGCATGCAT
2761	CTAGAGGGCC	CTATTCTATA	GTGTCACCTA	AATGCTAGAG	CTCGCTGATC	AGCCTCGACT
2821	GTGCCTTCTA	GTTGCCAGCC	ATCTGTTGTT	TGCCCCTCCC	CCGTGCCTTC	CTTGACCCTG
2881	GAAGGTGCCA	CTCCCACTGT	CCTTTCCTAA	TAAAATGAGG	AAATTGCATC	GCATTGTCTG
2941	AGTAGGTGTC	ATTCTATTCT	GGGGGGTGGG	GTGGGGCAGG	ACAGCAAGGG	GGAGGATTGG
3001	GAAGACAATA	GCAGGCATGC	TGGGGATGCG	GTGGGCTCTA	TGGCTTCTGA	GGCGGAAAGA
3061	ACCAGCTGGG	GCTCTAGGGG	GTATCCCCAC	GCGCCCTGTA	GCGGCGCATT	AAGCGCGGCG
3121	GGTGTGGTGG	TTACGCGCAG	CGTGACCGCT	ACACTTGCCA	GCGCCCTAGC	GCCCGCTCCT
3181	TTCGCTTTCT	TCCCTTCCTT	TCTCGCCACG	TTCGCCGGCT	TTCCCCGTCA	AGCTCTAAAT
3241	CGGGGGCTCC	CTTTAGGGTT	CCGATTTAGT	GCTTTACGGC	ACCTCGACCC	CAAAAAACTT
3301	GATTAGGGTG	ATGGTTCACG	TAGTGGGCCA	TCGCCCTGAT	AGACGGTTTT	TCGCCCTTTG
3361	ACGTTGGAGT	CCACGTTCTT	TAATAGTGGA	CTCTTGTTCC	AAACTGGAAC	AACACTCAAC

	3421	CCTATCTCGG	TCTATTCTTT	TGATTTATAA	GGGATTTTGC	CGATTTCGGC	CTATTGGTTA
	3481	AAAAATGAGC	TGATTTAACA	AAAATTTAAC	GCGAATTAAT	TCTGTGGAAT	GTGTGTCAGT
	3541	TAGGGTGTGG	AAAGTCCCCA	GGCTCCCCAG	CAGGCAGAAG	TATGCAAAGC	ATGCATCTCA
	3601	ATTAGTCAGC	AACCAGGTGT	GGAAAGTCCC	CAGGCTCCCC	AGCAGGCAGA	AGTATGCAAA
	3661	GCATGCATCT	CAATTAGTCA	GCAACCATAG	TCCCGCCCCT	AACTCCGCCC	ATCCCGCCCC
	3721	TAACTCCGCC	CAGTTCCGCC	CATTCTCCGC	CCCATGGCTG	ACTAATTTTT	TTTATTTATG
	3781	CAGAGGCCGA	GGCCGCCTCT	GCCTCTGAGC	TATTCCAGAA	GTAGTGAGGA	GGCTTTTTTG
	3841	GAGGCCTAGG	CTTTTGCAAA	AAGCTCCCCG	AAATGACCGA	CCAAGCGACG	CCCAACCTGC
	3901	CATCACGAGA	TTTCGATTCC	ACCGCCGCCT	TCTATGAAAG	GTTGGGCTTC	GGAATCGTTT
	3961	TCCGGGACGC	CGGCTGGATG	ATCCTCCAGC	GCGGGGATCT	CATGCTGGAG	TTCTTCGCCC
	4021	ACCCCAACTT	GTTTATTGCA	GCTTATAATG	GTTACAAATA	AAGCAATAGC	ATCACAAATT
	4081	TCACAAATAA	AGCATTTTTT	TCACTGCATT	CTAGTTGTGG	TTTGTCCAAA	CTCATCAATG
	4141	TATCTTATCA	TGTCTGTATA	CCGTCGACCT	CTAGCTAGAG	CTTGGCGTAA	TCATGGTCAT
	4201	AGCTGTTTCC	TGTGTGAAAT	TGTTATCCGC	TCACAATTCC	ACACAACATA	CGAGCCGGAA
	4261	GCATAAAGTG	TAAAGCCTGG	GGTGCCTAAT	GAGTGAGCTA	ACTCACATTA	ATTGCGTTGC
	4321	GCTCACTGCC	CGCTTTCCAG	TCGGGAAACC	TGTCGTGCCA	GCTGCATTAA	TGAATCGGCC
	4381	AACGCGCGGG	GAGAGGCGGT	TTGCGTATTG	GGCGCTCTTC	CGCTTCCTCG	CTCACTGACT
	4441	CGCTGCGCTC	GGTCGTTCGG	CTGCGGCGAG	CGGTATCAGC	TCACTCAAAG	GCGGTAATAC
	4501	GGTTATCCAC	AGAATCAGGG	GATAACGCAG	GAAAGAACAT	GTGAGCAAAA	GGCCAGCAAA
	4561	AGGCCAGGAA	CCGTAAAAAG	GCCGCGTTGC	TGGCGTTTTT	CCATAGGCTC	CGCCCCCCTG
	4621	ACGAGCATCA	CAAAAATCGA	CGCTCAAGTC	AGAGGTGGCG	AAACCCGACA	GGACTATAAA
	4681	GATACCAGGC	GTTTCCCCCT	GGAAGCTCCC	TCGTGCGCTC	TCCTGTTCCG	ACCCTGCCGC
	4741	TTACCGGATA	CCTGTCCGCC	TTTCTCCCTT	CGGGAAGCGT	GGCGCTTTCT	CATAGCTCAC
	4801	GCTGTAGGTA	TCTCAGTTCG	GTGTAGGTCG	TTCGCTCCAA	GCTGGGCTGT	GTGCACGAAC
	4861	CCCCCGTTCA	GCCCGACCGC	TGCGCCTTAT	CCGGTAACTA	TCGTCTTGAG	TCCAACCCGG
	4921	TAAGACACGA	CTTATCGCCA	CTGGCAGCAG	CCACTGGTAA	CAGGATTAGC	AGAGCGAGGT
	4981	ATGTAGGCGG	TGCTACAGAG	TTCTTGAAGT	GGTGGCCTAA	CTACGGCTAC	ACTAGAAGAA
	5041	CAGTATTTGG	TATCTGCGCT	CTGCTGAAGC	CAGTTACCTT	CGGAAAAAGA	GTTGGTAGCT
	5101	CTTGATCCGG	CAAACAAACC	ACCGCTGGTA	GCGGTGGTTT	TTTTGTTTGC	AAGCAGCAGA
	5161	TTACGCGCAG	AAAAAAAGGA	TCTCAAGAAG	ATCCTTTGAT	CTTTTCTACG	GGGTCTGACG
	5221	CTCAGTGGAA	CGAAAACTCA	CGTTAAGGGA	TTTTGGTCAT	GAGATTATCA	AAAAGGATCT
	5281	TCACCTAGAT	CCTTTTAAAT	TAAAAATGAA	GTTTTAAATC	AATCTAAAGT	ATATATGAGT
	5341	AAACTTGGTC	TGACAGTTAC	CAATGCTTAA	TCAGTGAGGC	ACCTATCTCA	GCGATCTGTC
	5401	TATTTCGTTC	ATCCATAGTT	GCCTGACTCC	CCGTCGTGTA	GATAACTACG	ATACGGGAGG
	5461	GCTTACCATC	TGGCCCCAGT	GCTGCAATGA	TACCGCGAGA	CCCACGCTCA	CCGGCTCCAG
	5521	ATTTATCAGC	AATAAACCAG	CCAGCCGGAA	GGGCCGAGCG	CAGAAGTGGT	CCTGCAACTT
	5581	TATCCGCCTC	CATCCAGTCT	ATTAATTGTT	GCCGGGAAGC	TAGAGTAAGT	AGTTCGCCAG
	5641	TTAATAGTTT	GCGCAACGTT	GTTGCCATTG	CTACAGGCAT	CGTGGTGTCA	CGCTCGTCGT
	5701	TTGGTATGGC	TTCATTCAGC	TCCGGTTCCC	AACGATCAAG	GCGAGTTACA	TGATCCCCCA
	5761	TGTTGTGCAA	AAAAGCGGTT	AGCTCCTTCG	GTCCTCCGAT	CGTTGTCAGA	AGTAAGTTGG
	5821	CCGCAGTGTT	ATCACTCATG	GTTATGGCAG	CACTGCATAA	TTCTCTTACT	GTCATGCCAT
	5881	CCGTAAGATG	CTTTTCTGTG	ACTGGTGAGT	ACTCAACCAA	GTCATTCTGA	GAATAGTGTA
	5941	TGCGGCGACC	GAGTTGCTCT	TGCCCGGCGT	CAATACGGGA	TAATACCGCG	CCACATAGCA
	6001	GAACTTTAAA	AGTGCTCATC	ATTGGAAAAC	GTTCTTCGGG	GCGAAAACTC	TCAAGGATCT
	6061	TACCGCTGTT	GAGATCCAGT	TCGATGTAAC	CCACTCGTGC	ACCCAACTGA	TCTTCAGCAT
	6121	CTTTTACTTT	CACCAGCGTT	TCTGGGTGAG	CAAAAACAGG	AAGGCAAAAT	GCCGCAAAAA
	6181	AGGGAATAAG	GGCGACACGG	AAATGTTGAA	TACTCATACT	CTTCCTTTTT	CAATATTATT

	6241 GAAGCATTTA TCAGGGTTAT TGTCTCATGA GCGGATACAT ATTTGAATGT ATTTAGAAAA 6301 ATAAACAAAT AGGGGTTCCG CGCACATTTC CCCGAAAAGT GCCACCTGAC GTC
测序结果	本批次（041037lyy）测序序列与上述序列完全一致。
关联产品	pDSG398 质粒 DNA

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