天净沙系列

CAT#:1-2370

常温运输及保存

pCold TF 质粒 DNA

pCold TF Plasmid DNA

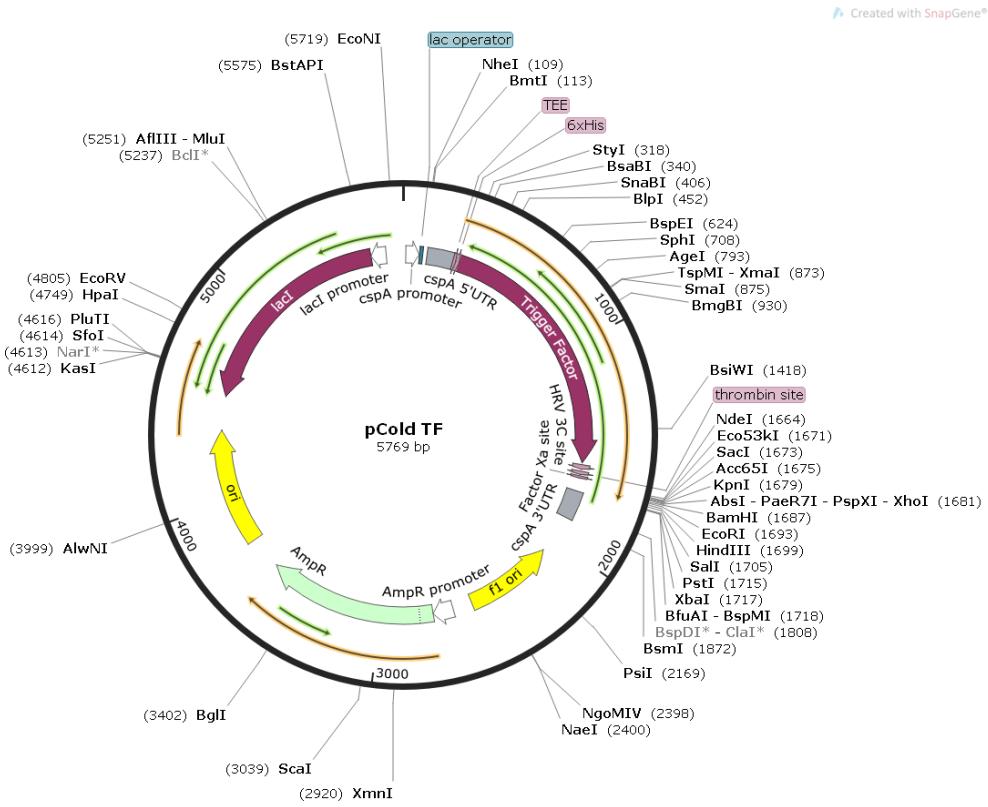
使用手册 V1.01

北京天净沙基因科技有限公司

网址：www.tjs.bio；电话：400-1078566；电邮：order@tjs.bio

产品及特点

本产品为 pCold TF 质粒 DNA，是一种以大肠杆菌的伴侣蛋白 Trigger Factor(TF)作为可溶性标签的融合型冷休克表达载体，具有 CSPA 启动子。pCold TF 质粒 DNA 具有多克隆位点，方便用户在不同酶切位点插入所选基因进行研究或表达。本质粒携带 Amp 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
pCold TF 质粒 DNA 干粉	1-2370	2 μg	0.5 mL 本色管
使用手册	1-2370sc	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

```
1     aaggaatggt gtggccgatt aatcataaat atgaaaaata attgttgcat cacccgccaa
61    tgcgtggctt aatgcacatc aaattgtgag cggataacaa tttgatgtgc tagcgcatat
121   ccagtgtagt aaggcaagtc ccttcaagag ttatcgttga taccctcgt agtgcacatt
181   cctttaacgc ttcaaaatct gtaaagcacg ccatatcgcc gaaaggcaca cttaattatt
241   aagaggtaat acaccatgaa tcacaaagtg catcatcatc atcatcacat gcaagtttca
301   gttgaaacca ctcaaggcct tggccgccgt gtaacgatta ctatcgctgc tgacagcatc
361   gagaccgctg ttaaaagcga gctggtcaac gttgcgaaaa aagtacgtat tgacggcttc
421   cgcaagggca aagtgccaat gaatatcgtt gctcagcgtt atggcgcgtc tgtacgccag
481   gacgttctgg gtgacctgat gagccgtaac ttcattgacg ccatcattaa agaaaaaatc
```

541	aatccggctg	gcgcaccgac	ttatgttccg	ggcgaataca	agctgggtga	agacttcact
601	tactctgtag	agtttgaagt	ttatccggaa	gttgaactgc	aaggtctgga	agcgatcgaa
661	gttgaaaaac	cgatcgttga	agtgaccgac	gctgacgttg	acggcatgct	ggatactctg
721	cgtaaacagc	aggcgacctg	gaaagaaaaa	gacggcgctg	ttgaagcaga	agaccgcgtg
781	accatcgact	tcaccggttc	tgtagacggc	gaagagttcg	aaggcggtaa	agcgtctgat
841	ttcgtactgg	cgatgggcca	gggtcgtatg	atcccgggct	ttgaagacgg	tatcaaaggc
901	cacaaagctg	gcgaagagtt	caccatcgac	gtgaccttcc	cggaagaata	ccacgcagaa
961	aacctgaaag	gtaaagcagc	gaaattcgct	atcaacctga	agaaagttga	agagcgtgaa
1021	ctgccggaac	tgaccgcaga	gttcatcaaa	cgtttcggcg	ttgaagatgg	ttccgtagaa
1081	ggtctgcgcg	ctgaagtgcg	taaaaacatg	gagcgcgagc	tgaagagcgc	catccgtaac
1141	cgcgttaagt	ctcaggcgat	cgaaggtctg	gtaaaagcta	acgacatcga	cgtaccggct
1201	gcgctgatcg	acagcgaaat	cgacgttctg	cgtcgccagg	ctgcacagcg	tttcggtggc
1261	aacgaaaaac	aagctctgga	actgccgcgc	gaactgttcg	aagaacaggc	taaacgccgc
1321	gtagttgttg	gcctgctgct	gggcgaagtt	atccgcacca	acgagctgaa	agctgacgaa
1381	gagcgcgtga	aaggcctgat	cgaagagatg	gcttctgcgt	acgaagatcc	gaaagaagtt
1441	atcgagttct	acagcaaaaa	caaagaactg	atggacaaca	tgcgcaatgt	tgctctggaa
1501	gaacaggctg	ttgaagctgt	actggcgaaa	gcgaaagtga	ctgaaaaaga	aaccactttc
1561	aacgagctga	tgaaccagca	ggcgtccgcg	ggtctggaag	ttctgttcca	ggggccctcc
1621	gcgggtctgg	tgccacgcgg	tagtggtggt	atcgaaggta	ggcatatgga	gctcggtacc
1681	ctcgagggat	ccgaattcaa	gcttgtcgac	ctgcagtcta	gataggtaat	ctctgcttaa
1741	aagcacagaa	tctaagatcc	ctgccatttg	gcggggattt	ttttatttgt	tttcaggaaa
1801	taaataatcg	atcgcgtaat	aaaatctatt	attatttttg	tgaagaataa	atttgggtgc
1861	aatgagaatg	cgcaggccct	ttcgtctcgc	gcgtttcggt	gatgacggtg	aaaacctctg
1921	acacatgcag	ctcccggaga	cggtcacagc	ttgtctgtaa	gcggatgccg	ggagcagaca
1981	agcccgtcag	ggcgcgtcag	cgggtgttgg	cgggtgtcgg	ggctggctta	actatgcggc
2041	atcagagcag	attgtactga	gagtgcacca	taaaattgta	aacgttaata	ttttgttaaa
2101	attcgcgtta	aatttttgtt	aaatcagctc	atttttttaac	caataggccg	aaatcggcaa
2161	aatcccttat	aaatcaaaag	aatagcccga	gatagggttg	agtgttgttc	cagtttggaa
2221	caagagtcca	ctattaaaga	acgtggactc	caacgtcaaa	gggcgaaaaa	ccgtctatca
2281	gggcgatggc	ccactacgtg	aaccatcacc	caaatcaagt	ttttggggt	cgaggtgccg
2341	taaagcacta	aatcggaacc	ctaaagggag	cccccgattt	agagcttgac	ggggaaagcc
2401	ggcgaacgtg	gcgagaaagg	aagggaagaa	agcgaaagga	gcgggcgcta	gggcgctggc
2461	aagtgtagcg	gtcacgctgc	gcgtaaccac	cacacccgcc	gcgcttaatg	cgccgctaca
2521	gggcgcgtac	tatggttgct	ttgacgtatg	cggtgtgaaa	taccgcacag	atgcgtaagg
2581	agaaaatacc	gcatcaggcg	tcaggtggca	cttttcgggg	aaatgtgcgc	ggaaccccta
2641	tttgtttatt	tttctaaata	cattcaaata	tgtatccgct	catgagacaa	taaccctgat
2701	aaatgcttca	ataatattga	aaaaggaaga	gtatgagtat	tcaacatttc	cgtgtcgccc
2761	ttattccctt	ttttgcggca	ttttgccttc	ctgtttttgc	tcacccagaa	acgctggtga
2821	aagtaaaaga	tgctgaagat	cagttgggtg	cacgagtggg	ttacatcgaa	ctggatctca
2881	acagcggtaa	gatccttgag	agttttcgcc	ccgaagaacg	ttttccaatg	atgagcactt
2941	ttaaagttct	gctatgtggc	gcggtattat	cccgtattga	cgccgggcaa	gagcaactcg
3001	gtcgccgcat	acactattct	cagaatgact	tggttgagta	ctcaccagtc	acagaaaagc
3061	atcttacgga	tggcatgaca	gtaagagaat	tatgcagtgc	tgccataacc	atgagtgata
3121	acactgcggc	caacttactt	ctgacaacga	tcggaggacc	gaaggagcta	accgcttttt
3181	tgcacaacat	gggggatcat	gtaactcgcc	ttgatcgttg	ggaaccggag	ctgaatgaag
3241	ccataccaaa	cgacgagcgt	gacaccacga	tgcctgtagc	aatggcaaca	acgttgcgca
3301	aactattaac	tggcgaacta	cttactctag	cttcccggca	acaattaata	gactggatgg

	3361 aggcggataa agttgcagga ccacttctgc gctcggccct tccggctggc tggtttattg 3421 ctgataaatc tggagccggt gagcgtgggt ctcgcggtat cattgcagca ctggggccag 3481 atggtaagcc ctcccgtatc gtagttatct acacgacggg gagtcaggca actatggatg 3541 aacgaaatag acagatcgct gagataggtg cctcactgat taagcattgg taactgtcag 3601 accaagttta ctcatatata ctttagattg atttaaaact tcatttttaa tttaaaagga 3661 tctaggtgaa gatccttttt gataatctca tgaccaaaat cccttaacgt gagttttcgt 3721 tccactgagc gtcagacccc gtagaaaaga tcaaaggatc ttcttgagat ccttttttc 3781 tgcgcgtaat ctgctgcttg caaacaaaaa aaccaccgct accagcggtg gtttgtttgc 3841 cggatcaaga gctaccaact ctttttccga aggtaactgg cttcagcaga gcgcagatac 3901 caaatactgt tcttctagtg tagccgtagt taggccacca cttcaagaac tctgtagcac 3961 cgcctacata cctcgctctg ctaatcctgt taccagtggc tgctgccagt ggcgataagt 4021 cgtgtcttac cgggttggac tcaagacgat agttaccgga taaggcgcag cggtcgggct 4081 gaacgggggg ttcgtgcaca cagcccagct tggagcgaac gacctacacc gaactgagat 4141 acctacagcg tgagctatga gaaagcgcca cgcttcccga agggagaaag gcggacaggt 4201 atccggtaag cggcagggtc ggaacaggag agcgcacgag ggagcttcca gggggaaacg 4261 cctggtatct ttatagtcct gtcgggtttc gccacctctg acttgagcgt cgatttttgt 4321 gatgctcgtc agggggggcgg agcctatgga aaaacgccag caacgcggcc tttttacggt 4381 tcctggcctt ttgctggcct tttgctcaca tagtcatgcc ccgcgcccac cggaaggagc 4441 tgactgggtt gaaggctctc aagggcatcg gtcgagatcc cggtgcctaa tgagtgagct 4501 aacttacatt aattgcgttg cgctcactgc ccgctttcca gtcgggaaac ctgtcgtgcc 4561 agctgcatta atgaatcggc caacgcgcgg ggagaggcgg tttgcgtatt gggcgccagg 4621 gtggtttttc ttttcaccag tgagacgggc aacagctgat tgcccttcac cgcctggccc 4681 tgagagagtt gcagcaagcg gtccacgctg gtttgcccca gcaggcgaaa atcctgtttg 4741 atggtggtta acggcgggat ataacatgag ctgtcttcgg tatcgtcgta tcccactacc 4801 gagatatccg caccaacgcg cagcccggac tcggtaatgg cgcgcattgc gcccagcgcc 4861 atctgatcgt tggcaaccag catcgcagtg ggaacgatgc cctcattcag catttgcatg 4921 gtttgttgaa aaccggacat ggcactccag tcgccttccc gttccgctat cggctgaatt 4981 tgattgcgag tgagatattt atgccagcca gccagacgca gacgcgccga gacagaactt 5041 aatgggcccg ctaacagcgc gatttgctgg tgacccaatg cgaccagatg ctccacgccc 5101 agtcgcgtac cgtcttcatg ggagaaaata atactgttga tgggtgtctg gtcagagaca 5161 tcaagaaata acgccggaac attagtgcag gcagcttcca cagcaatggc atcctggtca 5221 tccagcggat agttaatgat cagcccactg acgcgttgcg cgagaagatt gtgcaccgcc 5281 gctttacagg cttcgacgcc gcttcgttct accatcgaca ccaccacgct ggcacccagt 5341 tgatcggcgc gagatttaat cgccgcgaca atttgcgacg gcgcgtgcag ggccagactg 5401 gaggtggcaa cgccaatcag caacgactgt ttgcccgcca gttgttgtgc cacgcggttg 5461 ggaatgtaat tcagctccgc catcgccgct tccacttttt cccgcgtttt cgcagaaacg 5521 tggctggcct ggttcaccac gcgggaaacg gtctgataag agacaccggc atactctgcg 5581 acatcgtata acgttactgg tttcacattc accaccctga attgactctc ttccgggcgc 5641 tatcatgcca taccgcgaaa ggttttgcgc cattcgatgg tgtccgggat ctcgacgctc 5701 tcccttatgc gactcctgca ttaggaagca gcccagtagt aggttgaggc cgttgagcac 5761 cgccgccgc
测序结果	本批次（032030hb）序列经测序与上述序列以及 SnapGene 序列一致。
关联产品	pCold I 质粒 DNA