天净沙系列

CAT#:1-6969y
常温运输及保存

天净沙

pSpCas9(BB)-2A-GFP (pX458)质粒 DNA

pSpCas9(BB)-2A-GFP (pX458) Plasmid DNA

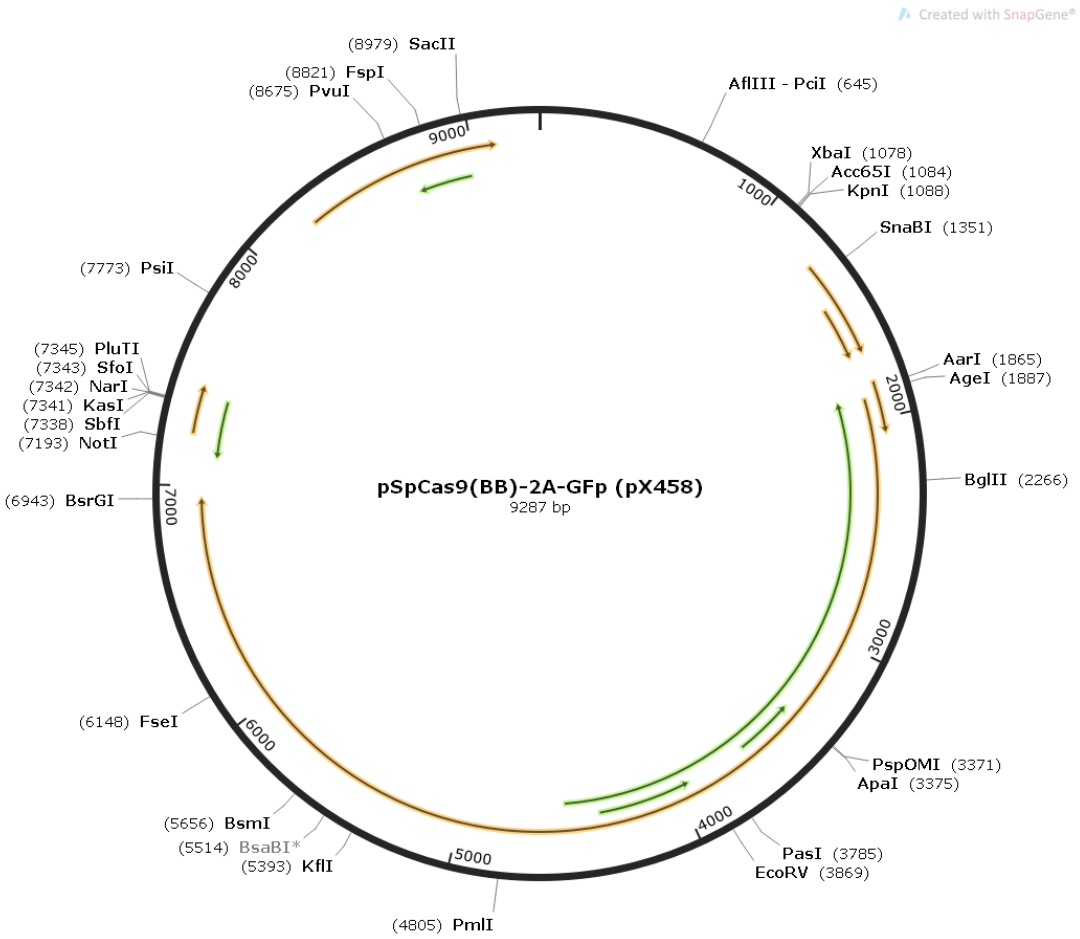
使用手册 V1.0

北京天净沙基因科技有限公司

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产品及特点

本产品是 pSpCas9(BB)-2A-GFP (pX458)质粒 DNA，为哺乳动物 CRISPR 表达载体。该质粒大小为 9287 bp，其中含有 5400 bp 的 hSpCas9 插入片段。pSpCas9(BB)-2A-GFP (pX458)具有 AgeI、EcoRI 等酶切位点，便于外源基因的插入；同时，它还具有 3×FLAG 和 GFP 载体标签。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
pSpCas9(BB)-2A-GFp (pX458)质粒 DNA 干粉	1-6969y	2 μg	0.5 mL 本色管
使用手册	sc1-6969y	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 TTGAGATCCT TTTTTTCTGC GCGTAATCTG CTGCTTGCAA ACAAAAAAAC CACCGCTACC
 61 AGCGGTGGTT TGTTTGCCGG ATCAAGAGCT ACCAACTCTT TTTCCGAAGG TAACTGGCTT
121 CAGCAGAGCG CAGATACCAA ATACTGTTCT TCTAGTGTAG CCGTAGTTAG GCCACCACTT
181 CAAGAACTCT GTAGCACCGC CTACATACCT CGCTCTGCTA ATCCTGTTAC CAGTGGCTGC
241 TGCCAGTGGC GATAAGTCGT GTCTTACCGG GTTGGACTCA AGACGATAGT TACCGGATAA
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 301 GGCGCAGCGG TCGGGCTGAA CGGGGGGTTC GTGCACACAG CCCAGCTTGG AGCGAACGAC
 361 CTACACCGAA CTGAGATACC TACAGCGTGA GCTATGAGAA AGCGCCACGC TTCCCGAAGG
 421 GAGAAAGGCG GACAGGTATC CGGTAAGCGG CAGGGTCGGA ACAGGAGAGC GCACGAGGGA
 481 GCTTCCAGGG GGAAACGCCT GGTATCTTTA TAGTCCTGTC GGGTTTCGCC ACCTCTGACT
 541 TGAGCGTCGA TTTTTGTGAT GCTCGTCAGG GGGGCGGAGC CTATGGAAAA ACGCCAGCAA
 601 CGCGGCCTTT TTACGGTTCC TGGCCTTTTG CTGGCCTTTT GCTCACATGT GAGGGCCTAT
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 721 TTAATTTGAC TGTAAACACA AAGATATTAG TACAAAATAC GTGACGTAGA AAGTAATAAT
 781 TTCTTGGGTA GTTTGCAGTT TTAAAATTAT GTTTTAAAAT GGACTATCAT ATGCTTACCG
 841 TAACTTGAAA GTATTTCGAT TTCTTGGCTT TATATATCTT GTGGAAAGGA CGAAACACCG
 901 GGTCTTCGAG AAGACCTGTT TTAGAGCTAG AAATAGCAAG TTAAAATAAG GCTAGTCCGT
 961 TATCAACTTG AAAAAGTGGC ACCGAGTCGG TGCTTTTTTG TTTTAGAGCT AGAAATAGCA
1021 AGTTAAAATA AGGCTAGTCC GTTTTTAGCG CGTGCGCCAA TTCTGCAGAC AAATGGCTCT
1081 AGAGGTACCC GTTACATAAC TTACGGTAAA TGGCCCGCCT GGCTGACCGC CCAACGACCC
1141 CCGCCCATTG ACGTCAATAG TAACGCCAAT AGGGACTTTC CATTGACGTC AATGGGTGGA
1201 GTATTTACGG TAAACTGCCC ACTTGGCAGT ACATCAAGTG TATCATATGC CAAGTACGCC
1261 CCCTATTGAC GTCAATGACG GTAAATGGCC CGCCTGGCAT TGTGCCCAGT ACATGACCTT
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1561 GCAGCCAATC AGAGCGGCGC GCTCCGAAAG TTTCCTTTTA TGGCGAGGCG GCGGCGGCGG
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3001 ACCAGGACCT GACCCTGCTG AAAGCTCTCG TGCGGCAGCA GCTGCCTGAG AAGTACAAAG
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测序结果	本批次 027168lyc 和上述 DNA 序列完全一样。
关联产品	pmCherry-C1 质粒 DNA

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