

pACYCDuet1 载体基本信息

平台编号: bio-119796
 别名: pACYCDuet1, pACYCDuet 1
 质粒类型: 大肠杆菌蛋白双基因表达载体, 有两个多克隆位点
 表达水平: 高
 克隆方法: 多克隆位点, 限制性内切酶
 载体大小: 4008 bp
 5' 测序引物: T7
 5' 测序引物序列: T7: 5'-TAATACGACTCACTATAGGG-3';
 3' 测序引物: T7t
 3' 测序引物序列: T7t: 5'-TGCTAGTTATTGCTCAGCGG-3'
 载体标签: N-His, C-S
 载体抗性: 氯霉素

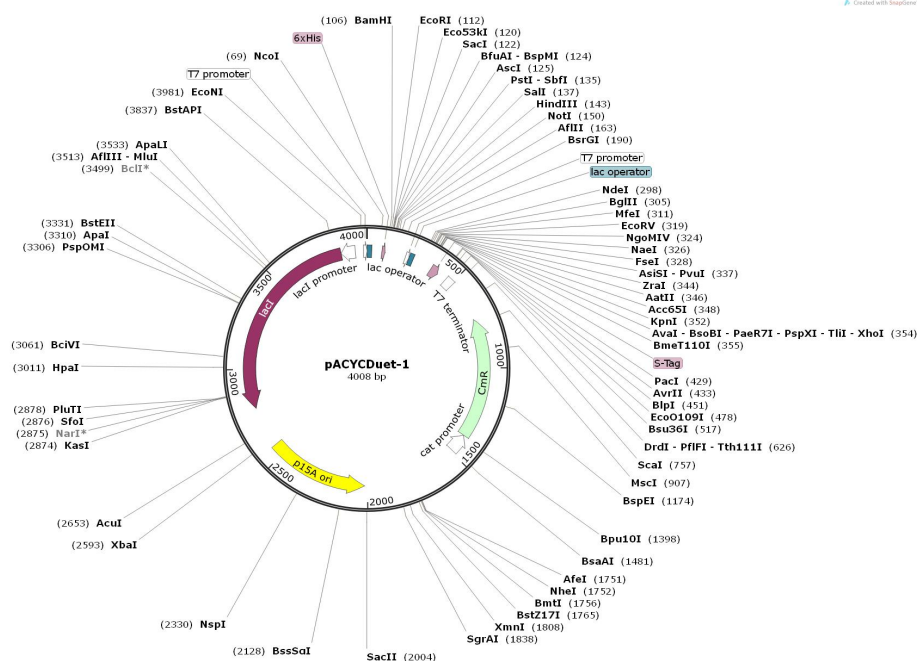
备注: pACYCDuet-1 is designed for the coexpression of two target genes. pACYCDuet-1 carries the P15A replicon, lacI gene and chloramphenicol resistance gene.

稳定性: 瞬时表达 Transient

组成型: 组成型 Constitutive

病毒/非病毒: 非病毒

pACYCDuet1 载体质粒图谱和多克隆位点信息



pACYCDuet1 载体简介

pACYCDuet-1 is designed for the coexpression of two target genes. The vector contains two multiple cloning sites (MCS), each of which is preceded by a T7 promoter/lac operator and



ribosome binding site (rbs). The vector also carries the P15A replicon, lacI gene and chloramphenicol resistance gene. This vector can be used in combination with pACYCDuetTM-1 (Cat. No. 71146-3) in an appropriate host strain for the coexpression of up to 4 target genes. Genes inserted into MCS1 can be sequenced using the ACYCDuetUP1 Primer (Cat. No. 71178-3) and DuetDOWN1 Primer (Cat. No. 71179-3). Genes inserted into MCS2 can be sequenced using the DuetUP2 Primer (Cat. No. 71180-3) and T7 Terminator Primer (Cat. No. 69337-3).

pACYCDuet1 载体序列

LOCUS pACYCDuet-1 4008 bp DNA Circular SYN

DEFINITION pACYCDuet-1

ACCESSION

KEYWORDS

SOURCE

ORGANISM other sequences; artificial sequences; vectors.

COMMENT This file is created by Vector NTI

<http://www.biofeng.com/>

COMMENT ORIGDB|GenBank

COMMENT VNTOAUTHORAD1|Novagen Inc.|

FEATURES

Location/Qualifiers

source	1..4008 /organism="pACYCDuet-1" /mol_type="other DNA"
misc_feature	2..29 /label="lacO"
promoter	214..232 /label="T7_promoter"
misc_feature	232..259 /label="lacO"
misc_feature	complement(448..466) /label="T7_Terminal_primer"
gene	complement(729..1388) /label="CAT/CamR (variant)" /gene="CAT/CamR (variant)"
CDS	complement(729..1388) /label="ORF frame 2"
rep_origin	1750..2661 /label="p15A_origin"
misc_feature	complement(2786..3877) /label="lacI"
CDS	complement(2786..3745) /label="ORF frame 3"
CDS	complement(3618..158) /label="ORF frame 2"



promoter 3992..2
/label="T7_promoter"

ORIGIN

1 ggggaattgt gageggataa caattcccct gtagaaataa tttgtttaa cttaataag
61 gagatatacc atgggcagca gccatcacca tcatcaccac agccaggatc cgaattcgag
121 ctggcgcgcg ctgcaggtcg acaagcttgc ggccgataa tgcttaagtc gaacagaaag
181 taatcgtatt gtacacggcc gcataatcga aattaatacg actcactata ggggaattgt
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2521 ttcagagca agagattacg cgcagaccaa aacgatctca agaagatcat cttattaatc
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