天净沙系列

CAT#:1-1221

常温运输及保存

天净沙

# pCAMBIA1300-35S-PM-mCherry 质粒 DNA

# pCAMBIA1300-35S-PM-mCherry Plasmid DNA

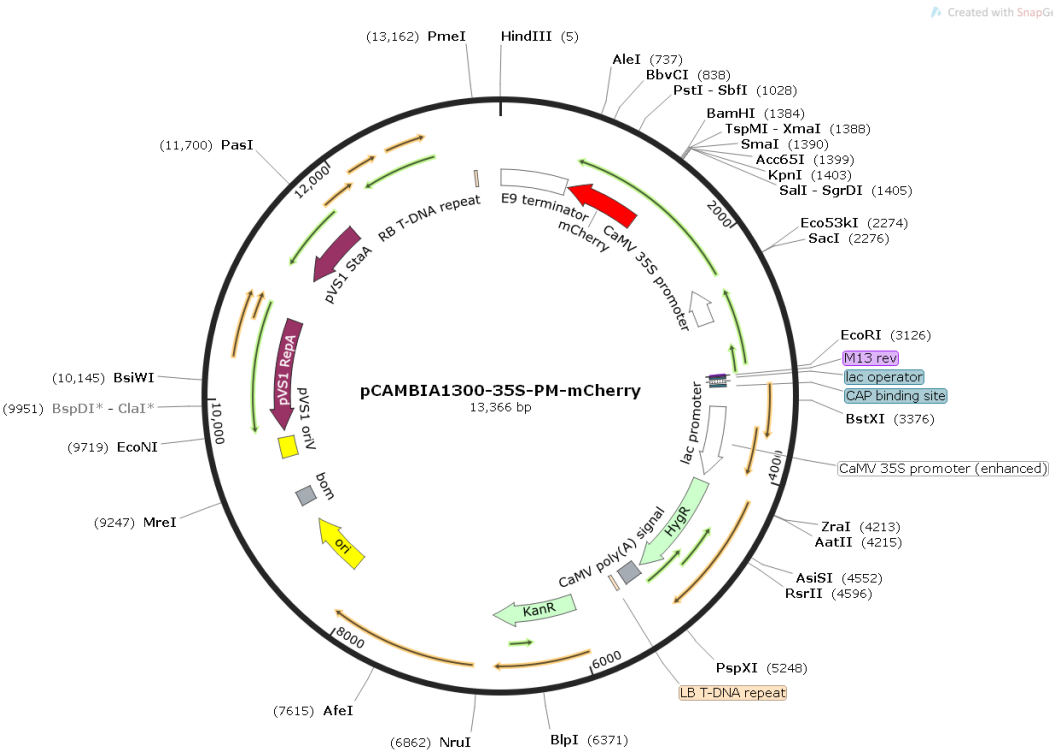
# 使用手册 V1.0

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## 产品及特点

pCAMBIA1300-35S-PM-mCherry 是一种亚细胞定位载体。该质粒大小为 13366 bp，该质粒一般以植物为宿主。该质粒具有 CaMV35S(long)启动子，可用于驱动基因的表达。本质粒具有具有 ori 复制子，它具有多克隆位点，便于外源基因的插入；同时，它还带筛选标记 Hyg。本质粒携带卡那霉素抗性基因。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 |
|---|---|---|---|
| pCAMBIA1300-35S-PM-mCherry 质粒 DNA 干粉 | 1-1221 | 2 μg | 0.5 mL 本色管 |
| 使用手册 | sc1-1221 | 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 TGCCAAGCTT GATGCATGTT GTCAATCAAT TGGCAAGTCA TAAAATGCAT TAAAAAATAT
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181 ACATACTTGT ATTCAGTAAC ATTTGCAGCT TTTCTAGGTC TGAAAATATA TTTGTTGCCT
241 AGTGAATAAG CATAATGGTA CAACTACAAG TGTTTTACTC CTCATATTAA CTTCGGTCAT
301 TAGAGGCCAC GATTTGACAC ATTTTTACTC AAAACAAAAT GTTTGCATAT CTCTTATAAT
361 TTCAAATTCA ACACACAACA AATAAGAGAA AAAACAAATA ATATTAATTT GAGAATGAAC
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| | 11821 CATGCGTTCC CCTTGCGTAT TTGTTTATTT ACTCATCGCA TCATATACGC AGCGACCGCA<br>11881 TGACGCAAGC TGTTTTACTC AAATACACAT CACCTTTTTA GACGGCGGCG CTCGGTTTCT<br>11941 TCAGCGGCCA AGCTGGCCGG CCAGGCCGCC AGCTTGGCAT CAGACAAACC GGCCAGGATT<br>12001 TCATGCAGCC GCACGGTTGA GACGTGCGCG GGCGGCTCGA ACACGTACCC GGCCGCGATC<br>12061 ATCTCCGCCT CGATCTCTTC GGTAATGAAA AACGGTTCGT CCTGGCCGTC CTGGTGCGGT<br>12121 TTCATGCTTG TTCCTCTTGG CGTTCATTCT CGGCGGCCGC CAGGGCGTCG GCCTCGGTCA<br>12181 ATGCGTCCTC ACGGAAGGCA CCGCGCCGCC TGGCCTCGGT GGGCGTCACT TCCTCGCTGC<br>12241 GCTCAAGTGC GCGGTACAGG GTCGAGCGAT GCACGCCAAG CAGTGCAGCC GCCTCTTTCA<br>12301 CGGTGCGGCC TTCCTGGTCG ATCAGCTCGC GGGCGTGCGC GATCTGTGCC GGGGTGAGGG<br>12361 TAGGGCGGGG GCCAAACTTC ACGCCTCGGG CCTTGGCGGC CTCGCGCCCG CTCCGGGTGC<br>12421 GGTCGATGAT TAGGGAACGC TCGAACTCGG CAATGCCGGC GAACACGGTC AACACCATGC<br>12481 GGCCGGCCGG CGTGGTGGTG TCGGCCCACG GCTCTGCCAG GCTACGCAGG CCCGCGCCGG<br>12541 CCTCCTGGAT GCGCTCGGCA ATGTCCAGTA GGTCGCGGGT GCTGCGGGCC AGGCGGTCTA<br>12601 GCCTGGTCAC TGTCACAACG TCGCCAGGGC GTAGGTGGTC AAGCATCCTG GCCAGCTCCG<br>12661 GGCGGTCGCG CCTGGTGCCG GTGATCTTCT CGGAAAACAG CTTGGTGCAG CCGGCCGCGT<br>12721 GCAGTTCGGC CCGTTGGTTG GTCAAGTCCT GGTCGTCGGT GCTGACGCGG GCATAGCCCA<br>12781 GCAGGCCAGC GGCGGCGCTC TTGTTCATGG CGTAATGTCT CCGGTTCTAG TCGCAAGTAT<br>12841 TCTACTTTAT GCGACTAAAA CACGCGACAA GAAAACGCCA GGAAAAGGGC AGGGCGGCAG<br>12901 CCTGTCGCGT AACTTAGGAC TTGTGCGACA TGTCGTTTTC AGAAGACGGC TGCACTGAAC<br>12961 GTCAGAAGCC GACTGCACTA TAGCAGCGGA GGGGTTGGAT CAAAGTACTT TGATCCCGAG<br>13021 GGGAACCCTG TGGTTGGCAT GCACATACAA ATGGACGAAC GGATAAACCT TTTCACGCCC<br>13081 TTTTAAATAT CCGATTATTC TAATAAACGC TCTTTTCTCT TAGGTTTACC CGCCAATATA<br>13141 TCCTGTCAAA CACTGATAGT TTAAACTGAA GGCGGGAAAC GACAATCTGA TCCAAGCTCA<br>13201 AGCTGCTCTA GCATTCGCCA TTCAGGCTGC GCAACTGTTG GGAAGGGCGA TCGGTGCGGG<br>13261 CCTCTTCGCT ATTACGCCAG CTGGCGAAAG GGGGATGTGC TGCAAGGCGA TTAAGTTGGG<br>13321 TAACGCCAGG GTTTTCCCAG TCACGACGTT GTAAAACGAC GGCCAG |
| **测序结果** | 本批次（130167hb）和上述 DNA 序列完全一致。 |
| **关联产品** | pBI121-NLS-mcherry 质粒 DNA |

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