天净沙系列

CAT#:1-250206

常温运输及保存

天净沙

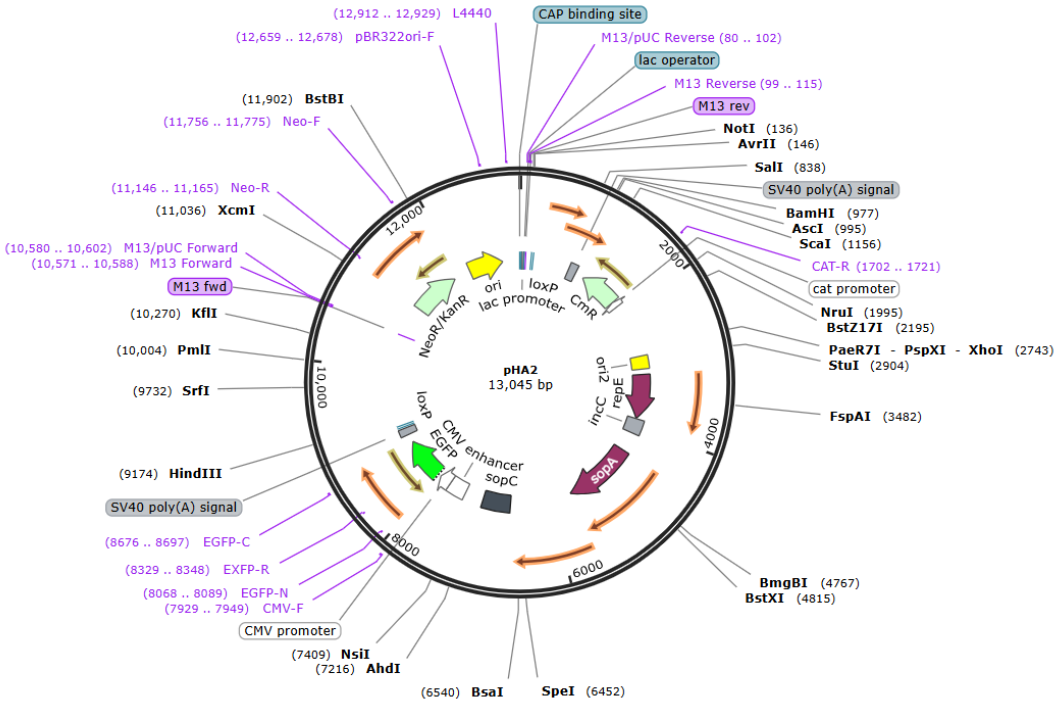
pHA2 质粒 DNA

pHA2 Plasmid DNA

使用手册 V1.0

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	pHA2 质粒是长度为 13,045 bp 的环状双链 DNA 结构。它带有 ori 等复制起始元件，能确保在宿主细胞中自主复制。CMV promoter、lac promoter 等启动子，可启动基因转录，并与 lac operator、CAP binding site 协作，完成表达调控。EGFP 作为报告基因，能方便检测质粒的表达情况。pHA2 具有多克隆位点，便于外源基因的插入；同时，它还携带氯霉素抗性基因。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 pHA2 质粒 DNA 干粉 | 1-250206 | 2 μg | 0.5 mL 本色管 使用手册 | 1-250206sc | 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	1 taatgtgagt tagctcactc attaggcacc ccaggcttta cactttatgc ttccggctcg 61 TATGTTGTGT GGAATTGTGA GCGGATAACA ATTTCACACA GGAAACAGCT ATGACATGAT 121 TACGAATTAC GCGTGCGGCC GCATACCTAG GCGCCGGTGT TAATTAAGGG CCGGCCGCAT 181 CAGCTTCCTA GATAACTTCG TATAGCATAC ATTATACGAA GTTATGGATC TCCCCGCCCA 241 GCGTCTTGTC ATTGGCGAAC TCGAACACGC AGATGCAGTC GGGGCGGCGC GGTCCCAGGT 301 CCACTTCGCA TATTAAGGTG ACACGCGCGG CCTCGAACAC AGCTGCAGGC CATGAGCGAA 361 AAATACATCG TCACCTGGGA CATGTTGCAG ATCCATGCAC GTAAACTCGC AAGCCGACTG 421 ATGCCTTCTG AACAATGGAA AGGCATTATT GCCGTAAGCC GTGGCGGTCT GGTACCGGGT

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测序结果	本批次（026155lyy）经全长测序，有如下与上述序列不同之处：9837-9838 位点之间插入 GGGGTTACATGAGAG；9839 位点 C 变 A；9841-9842 位点之间插入 TCATGT；9843-9844 位点之间插入 CCCCTGACAGCTGTCAACCTAA。
关联产品	pmCherry-C1 质粒 DNA