

pEGFP-C1 空质粒

货号: DA-Z0011

产品规格: 5ul (1ug/ul)

价格: 1000 元

产品应用: 分子相关实验

产品类型: 去内毒素质粒

保存条件: -20℃长期保存, 4℃保存 1 月

运输条件: 冰袋运输

发货周期: 现货

基本信息:

启动子: CMV promoter

复制子: F1 ori, pUC ori, SV40 ori

终止子: SV40 poly(A) signal

质粒分类: 哺乳系列质粒; 哺乳荧光质粒; 哺乳绿色质粒

质粒大小: 4731bp

质粒标签: C-EGFP

原核抗性: 卡纳霉素 Kan (50 μg/ml)

筛选标记: 新霉素 Neo/G418

克隆菌株: DH5 α 等大肠杆菌

培养条件: 37℃, 有氧 LB

表达宿主: 293T 等哺乳细胞

培养条件: 37℃, 5%CO₂

诱导方式: 无须诱导, 瞬时表达

5'测序引物: pEGFP-C-5

3'测序引物: pEGFP-C-3

产品简介:

东澳质粒平台的各批次质粒菌株发货前均经过严格的多重验证, 如存在质量问题, 请在收到产品的一个月内通知我司。

pEGFP-C1 编码野生型 GFP 的红移型变体, 其已经针对更明亮的荧光和哺乳动物细胞中更高的表达进行了优化。(激发最大= 488nm; 发射最大值= 507nm) pEGFP-C1 编码 GFPmut1

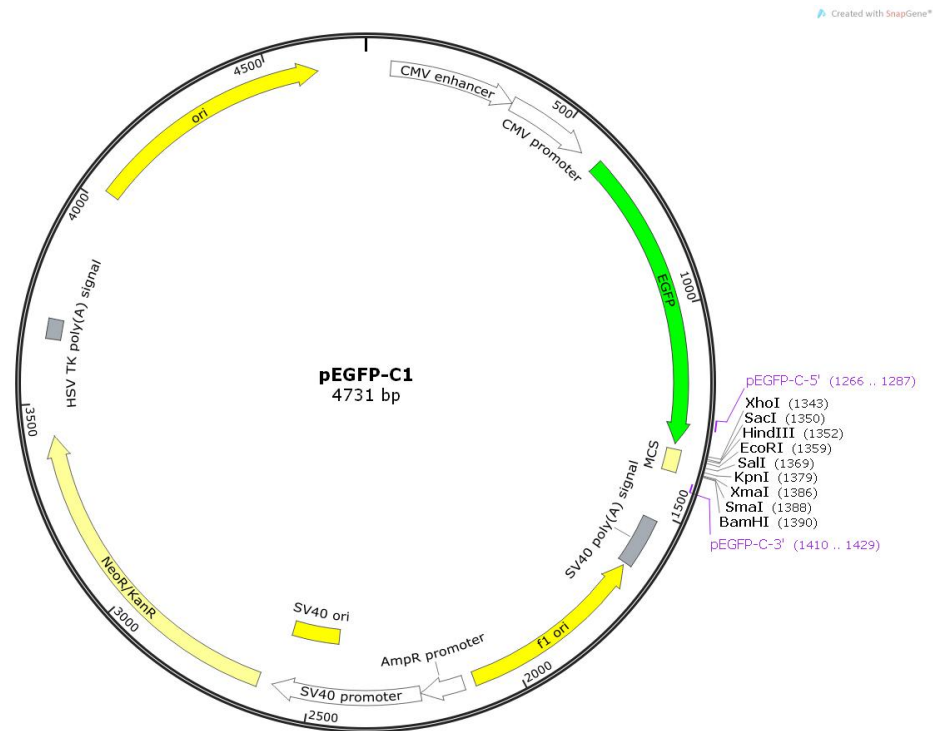
变体，其含有 Phe-64 对 Leu 和 Ser-65 至 Thr 的双氨基酸取代 pEGFPC1 中的 MCS 在 EGFP 编码序列和 SV40 polyA 之间克隆到 MCS 中的基因如果与 EGFP 的阅读框处于相同的阅读框并且不存在中间终止密码子，则将其表达为 EGFP 的 C 末端的融合物。EGFP 基因下游的 SV40 聚腺苷酸信号直接适当处理 EGFP mRNA 的 3' 末端。

载体骨架还含有用于在表达 SV40 T 抗原的哺乳动物细胞中复制的 SV40 来源。由 SV40 早期启动子，Tn5 的新霉素/卡那霉素抗性基因和来自单纯疱疹病毒胸苷激酶 (HSV TK) 基因的多聚腺苷酸化信号组成的新霉素抗性盒 (Neor) 允许使用 G418 选择稳定转染的真核细胞。该盒上游的细菌启动子在大肠杆菌中表达卡那霉素抗性。pEGFP-C1backbone 还提供了用于在大肠杆菌中繁殖的 pUC 复制起点和用于单链 DNA 生产的 f1 来源。

产品使用:

收到质粒后请短暂离心，稀释至 100ug/ul，取 1 μl 转化至对应感受态中，挑取单克隆重新提取质粒后使用。

质粒图谱:



质粒序列:

LOCUS Exported 4731 bp ds-DNA circular SYN 30-AUG-2016
DEFINITION synthetic circular DNA
KEYWORDS Untitled 8
SOURCE synthetic DNA construct
ORGANISM synthetic DNA construct
REFERENCE 1 (bases 1 to 4731)
TITLE Direct Submission
JOURNAL Exported Tuesday, August 30, 2016 from MiaoLingPlasmid
<http://www.miaolingbio.com>

FEATURES Location/Qualifiers

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/organism="synthetic DNA construct"
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ORIGIN

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