

## pEGFP-N2 荧光表达载体

货号：P6440

规格：20 $\mu$ L

保存：-20 $^{\circ}$  C

### 载体信息：

启动子：CMV

复制子：pUCori, f1ori

终止子：SV40poly(A)

出品公司：Clontech

载体别名：pEGFPN2, pEGFP N2

载体分类：哺乳细胞表达载体，荧光蛋白报告载体

载体大小：4737bp

载体标签：C-EGFP

原核抗性：卡那霉素（Kanamycin）

筛选标记：新霉素（Neomycin）

克隆菌株：DH5 $\alpha$

表达宿主：哺乳细胞

培养条件：37 $^{\circ}$ C，LB 培养基

5' 测序引物：CMV-F: 5'-CGCAAATGGGCGGTAGGCGTG-3'

3' 测序引物：EGFP-N: 5'-CGTCGCCGTCCAGCTCGACCAG-3'

### 载体简介：

pEGFP-N2 encodes a red-shifted variant of wild-type GFP (1-3) which has been optimized for brighter fluorescence and higher expression in mammalian cells. (Excitation maximum = 488 nm; emission maximum = 507 nm.) pEGFP-N2 encodes the GFPmut1 variant which contains the double-amino-acid substitution of Phe-64 to Leu and Ser-65 to Thr.

