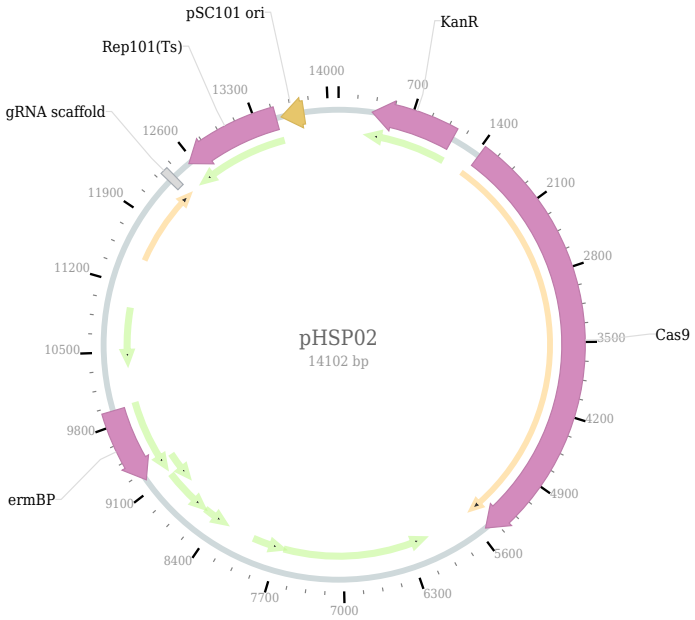
# pHSP02

| | |
|---|---|
| **载体编号 Vector ID** | V016730 |
| **抗性 Antibiotic Resistance** | Kanamycin |
| **长度 Length** | 14102 bp |
| **载体类型 Vector Type** | Gene knockout |
| **宿主 Host** | Lactic acid bacteria |

## 产品信息

| | |
|---|---|
| **复制子 Replication Origin** | pSC101 ori |
| **筛选标记 Selection Marker** | Erm |
| **拷贝数 Copy Number** | Low Copy |
| **启动子 Promoter** | P11 |
| **培养菌株 Growth Strain(s)** | DH5a |
| **培养温度 Growth Temperature** | 30℃ |
| **备注 Comment** | Kanamycin, 25 μg/mL; Growth temperature: 30℃. Rep101(Ts) is a temperature-sensitive replication protein that functions only at low temperatures. Above 37°C, it becomes inactive, causing plasmid loss. Stable replication occurs at 30°C, >16 hours (or lower, e.g., 28–30°C). Please do not exceed 32°C. |

## 质粒图谱



## 复溶方法

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.