# pDONR221 P1-P5r

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| **载体编号 Vector ID** | V011824 |
| **抗性 Antibiotic Resistance** | Chloramphenicol |
| **长度 Length** | 4765 bp |
| **载体类型 Vector Type** | Gateway Cloning Vectors |

## 产品信息

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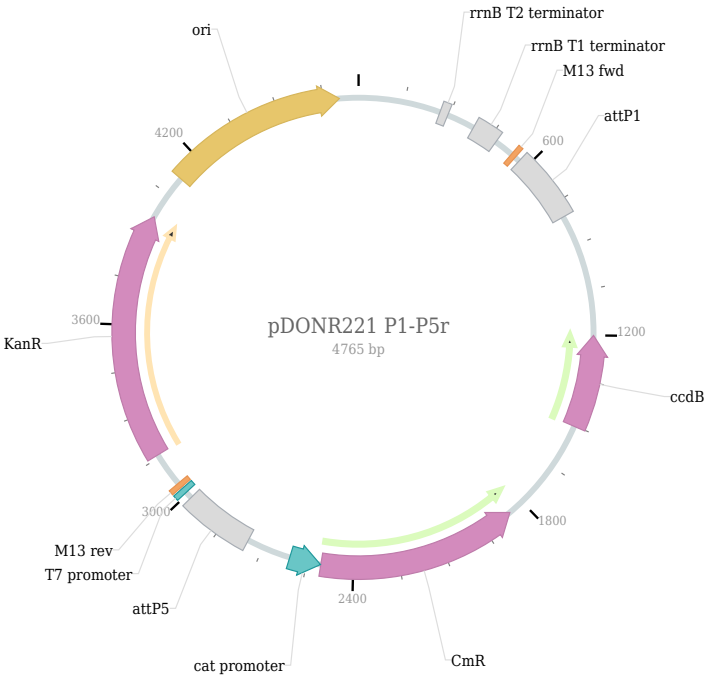
| **复制子 Replication Origin** | ori |
| **来源 Source/Author** | Invitrogen (Life Technologies) |
| **拷贝数 Copy Number** | High copy number |
| **5' 引物 5' Primer** | M13 fwd |
| **3' 引物 3' Primer** | M13 rev |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | pDONR221 P1-P5r is a 4,765 bp Gateway donor vector used to create entry clones via BP recombination. It contains attP1 and attP2 sites flanking a ccdB toxic gene for negative selection, a kanamycin resistance marker, and requires DB3.1 E. coli strains for propagation. |

## 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 ℃.