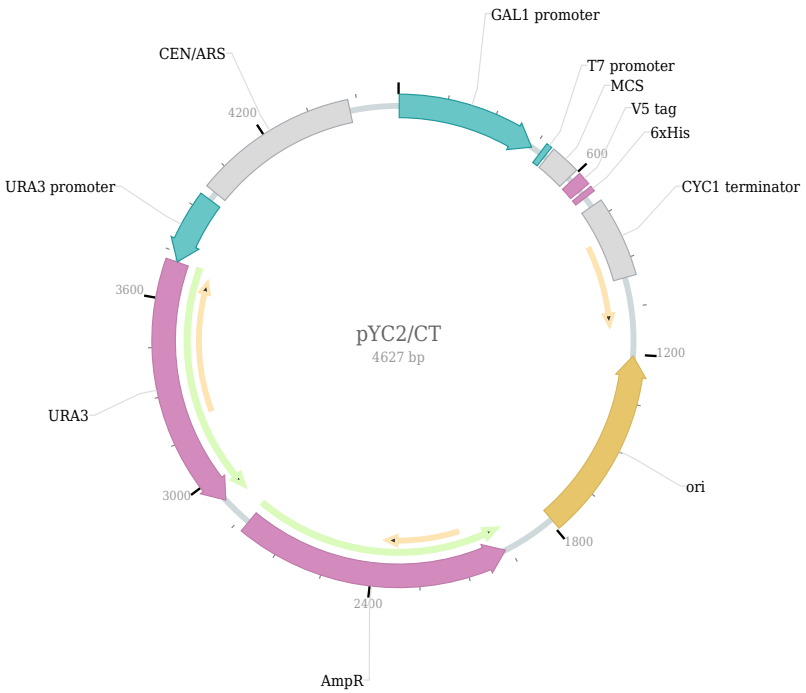
# pYC2/CT

| | |
|---|---|
| **载体编号 Vector ID** | V010213 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 4627 bp |
| **载体类型 Vector Type** | Yeast Plasmids |

## 产品信息

| | |
|---|---|
| **复制子 Replication Origin** | ori |
| **来源 Source/Author** | Invitrogen (Life Technologies) |
| **拷贝数 Copy Number** | High copy number |
| **启动子 Promoter** | GAL1 |
| **培养菌株 Growth Strain(s)** | DH10B |
| **备注 Comment** | pYC2-CT is a low-copy shuttle plasmid for Saccharomyces cerevisiae. It has CEN6/ARSH4 for single-copy stability, a galactose-inducible (glucose-repressed) GAL1 promoter, a URA3 marker for screening, and C-terminal V5/6×His tags for protein detection/purification. It's widely used in yeast gene expression control, protein localization and interaction studies. |

## 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 ℃.