# pBHt2

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| **载体编号 Vector ID** | V017363 |
| **抗性 Antibiotic Resistance** | Kanamycin |
| **长度 Length** | 8494 bp |
| **载体类型 Vector Type** | Protein expression |
| **宿主 Host** | Hyphal fungi |

## 产品信息

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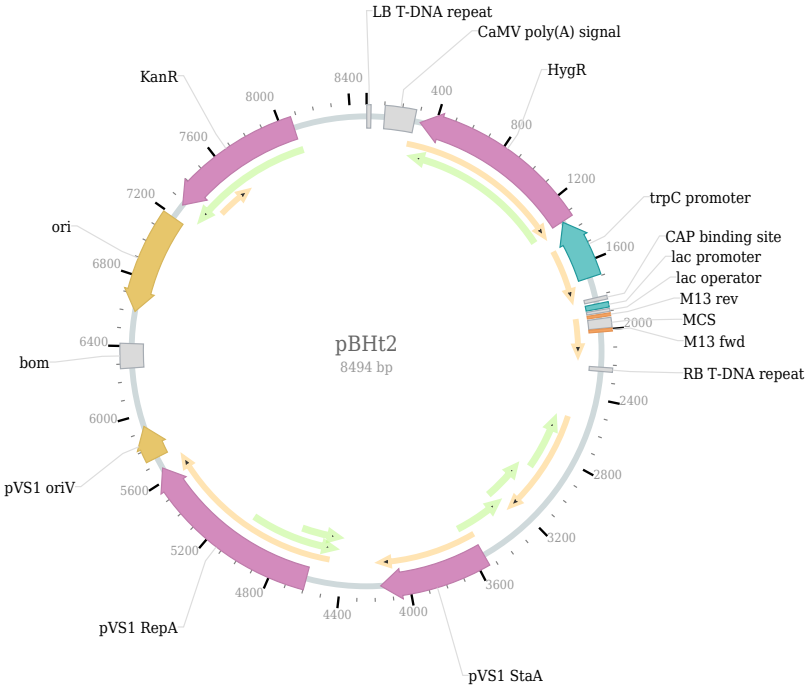
| **复制子 Replication Origin** | ori |
| **筛选标记 Selection Marker** | Hyg |
| **启动子 Promoter** | trpC |
| **培养菌株 Growth Strain(s)** | DH5a |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | pBHt2 is an 8.4 kb Agrobacterium binary vector modified from pCAMBIA1300 for fungal ATMT (Agrobacterium tumefaciens-mediated transformation). It carries an hph selection cassette driven by the Aspergillus nidulans trpC promoter and nine unique cloning sites within T-DNA borders. Compared with the older pUR5750, its smaller size greatly facilitates foreign gene cloning in phytopathogenic fungi like Fusarium oxysporum. It yields high transformation efficiency and serves as the intermediate backbone to construct the plasmid-rescue vector pKHt. |

## 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 ℃.