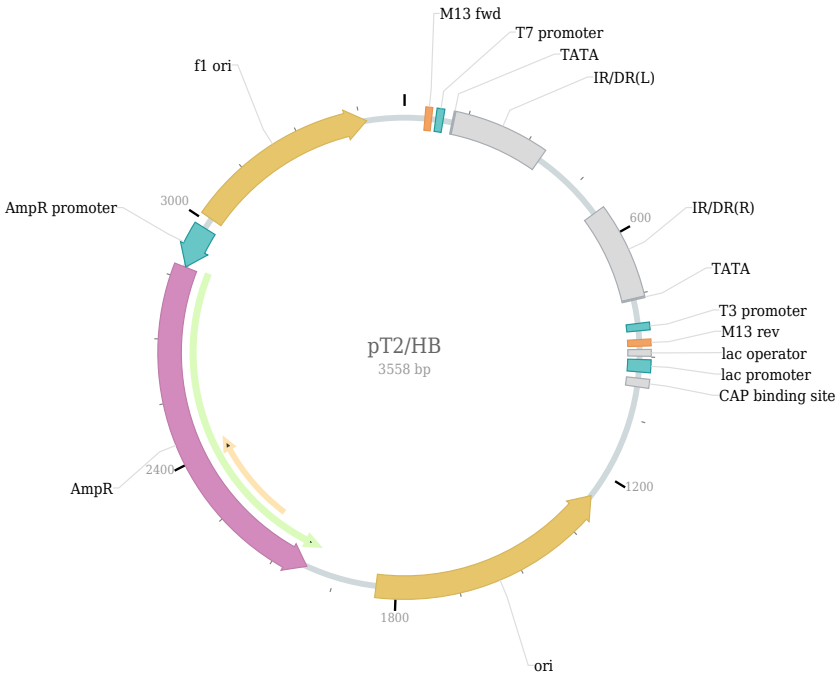
pT2/HB

载体编号 Vector ID	V007192
抗性 Antibiotic Resistance	Ampicillin
长度 Length	3558 bp
载体类型 Vector Type	Prokaryotic Expression Vectors, Transposon Systems

产品信息

复制子 Replication Origin	ori
培养菌株 Growth Strain(s)	DH10B
备注 Comment	This is a 3558 bp vector (pT2/HB) designed as a versatile cloning and in vitro transcription vector. It features T7 and T3 promoters for bacteriophage RNA polymerase-driven transcription, alongside a lac operator/promoter for regulated expression in bacteria. The plasmid includes an AmpR gene for antibiotic selection and a bacterial origin (ori) for propagation. It also contains an f1 origin for single-stranded DNA production.

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 ℃.