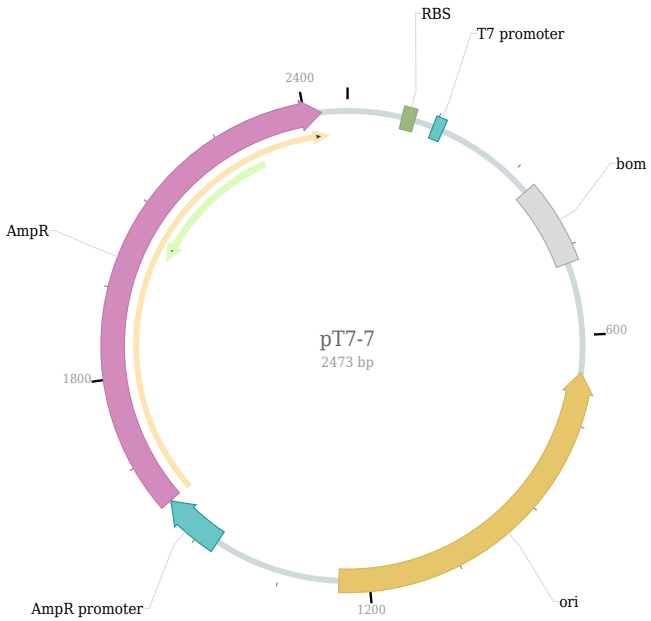
pT7-7

载体编号 Vector ID	V013373
登录号 Accession ID	pT77
抗性 Antibiotic Resistance	Ampicillin
长度 Length	2473 bp
载体类型 Vector Type	Protein expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	T7
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	pT7-7 is an E. coli expression vector of the pT7 series. A pBR322-derived ColE1/pMB1 ori, bom region and bla (Amp^R) support replication and selection. The cassette pairs the phage T7 φ10 promoter with the gene 10 ribosome binding site and a multiple cloning site (NdeI–HindIII), giving untagged protein; expression needs T7 RNA polymerase from a DE3 lysogen such as BL21(DE3).

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 ℃.