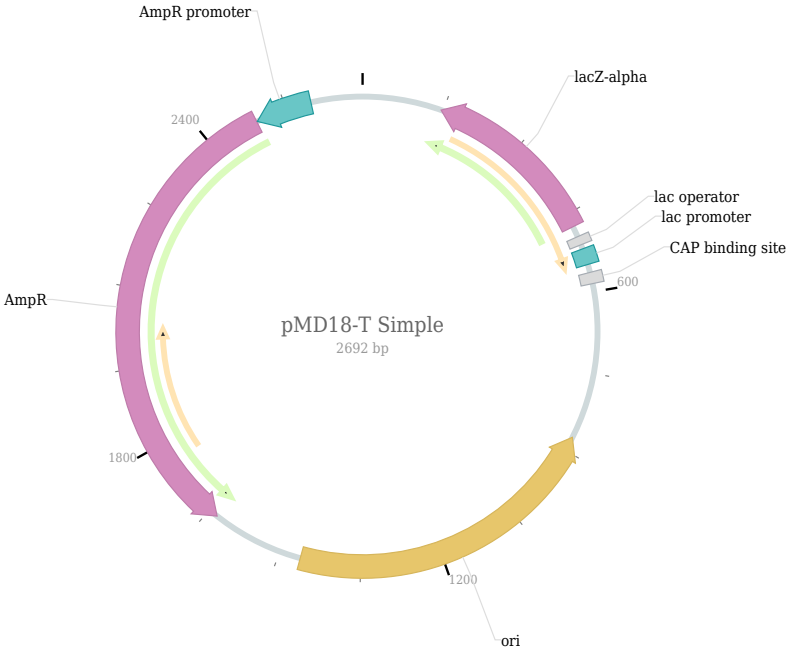
pMD18-T Simple

载体编号 Vector ID	V017515
抗性 Antibiotic Resistance	Ampicillin
长度 Length	2692 bp
载体类型 Vector Type	TA Cloning Vector

产品信息

来源 Source/Author	Long JY, Chen YH, Xia JR.
拷贝数 Copy Number	High Copy
启动子 Promoter	lac
5' 引物 5' Primer	M13 fwd
3' 引物 3' Primer	M13 rev
培养菌株 Growth Strain(s)	suitable for use in most common commercial host cells like TOP10, DH5α, TOP10F and JM109
备注 Comment	pMD18-T Simple Vector is a specialized vector for efficient cloning of PCR products (TA Cloning). This vector is converted from pUC18 vector by inserting an EcoRV recognition site between XbaI and Sa1I recognition sites at the multiple cloning site of pUC18 vector, and then adding a “T” at the 3' end of both sides after enzymatic digestion with EcoR V. The pMD*18-T Vector is a special vector for highly efficient cloning of PCR products (TA Cloning). Because most of the thermophilic DNA polymerase PCR reaction has the characteristic of adding an “A” at the 3' end of the PCR product, the use of this product can greatly improve the efficiency of ligation and cloning of PCR products. Since this vector is constructed on the basis of pUC18 vector, it has the same function as pUC18 vec

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 ℃.