pTetOne

载体编号 Vector ID	V011067
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4207 bp
载体类型 Vector Type	Mammalian Expression Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Clontech
拷贝数 Copy Number	High copy number
启动子 Promoter	hPGK
培养菌株 Growth Strain(s)	DH10B
备注 Comment	This is a 4207 bp vector, pTetOne, designed for doxycycline-inducible gene expression. It features the Tet-On(R) 3G regulatory system, where a minimal promoter (hPGK) drives expression of the target gene cloned into the MCS upon induction. The construct also includes a TRE3GS promoter for constitutive high-level background expression. For antibiotic selection and propagation, it contains the AmpR gene with its promoter and SV40 poly(A) signals.

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 ℃.